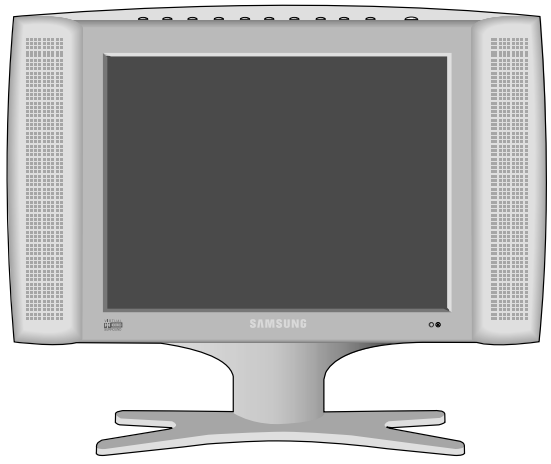
# LCD-TV MONITOR

| Chassis | Model |
|---|---|
| ES15E* | LW15E23CB |
| ES17E* | LW17E24CB |

# *SERVICE Manual*

## LCD-TV MONITOR

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Printed in Korea
P/N : BN82-00071C-00
http://www.samsungmonitor.com (SyncMaster Worldwide)
http://www.samsung-monitor.com (SyncMaster USA)
http://www.sec.co.kr/monitor (Korea)

# 1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

## 1-1 Safety Precautions

### 1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

### 1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

### 1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):
   **WARNING: Do not use an isolation transformer during this test.**
   Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

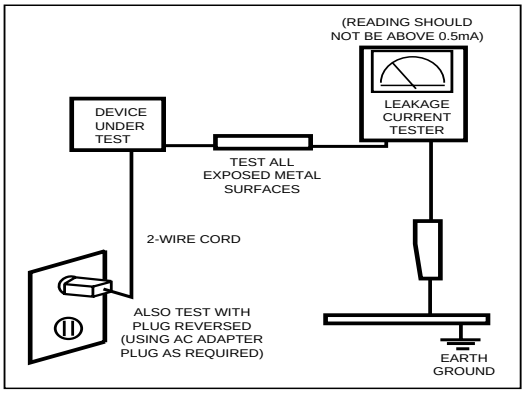



Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

### 1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

## 1-2 Servicing Precautions

**WARNING:** **An electrolytic capacitor installed with the wrong polarity might explode.**

**Caution:** Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

**Note:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

### 1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
   (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

## 1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   **Caution:** Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

# 2 Product Specifications

## 2-1 Specifications

| Item | Description | |
|---|---|---|
| | LW15E23CB | LW17E24CB |
| LCD Panel | TFT-LCD panel, RGB vertical stripe, normally white, 15-Inch viewable, 0.297 mm pixel pitch | TFT-LCD panel, RGB vertical stripe, normally white, 17-Inch viewable, 0.264 mm pixel pitch |
| Scanning Frequency | Horizontal : 30 KHz ~ 69 KHz (Automatic)<br>Vertical : 56 Hz ~ 75 Hz (Automatic) | 30 KHz ~ 81 KHz (Automatic)<br>56 Hz ~ 75 Hz (Automatic) |
| Display Colors | 16.7 Million colors | |
| Maximum Resolution | Horizontal : 1024 Pixels<br>Vertical : 768 Pixels | 1280 Pixels<br>1024 Pixels |
| Input Video Signal | Analog 0.7 Vp-p ± 5% positive at 75 Ω, internally terminated | |
| Input Sync Signal | Type : Separate H/V, automatic synchronization without external switch of sync type<br>Level : TTL level | |
| Maximum Pixel Clock rate | 95 MHz | 135 MHz |
| Active Display<br>Horizontal/Vertical | 304.1 mm / 228.1 mm | 338.1 mm / 270.1 mm |
| AC power voltage & Frequency | AC 90 ~ 264 Volts, 60 / 50 Hz ± 3 Hz | |
| Power Consumption | 48 W (Max), (2W Power surge) | 58 W (Max), (2W Power surge) |
| Dimensions<br>Unit (W x D x H)<br>With stand (W x D x H) | <br>18.6 x 12.4 x 2.0 Inches (474 x 317 x 51 mm)<br>18.6 x 15.6 x 8.0 Inches (474 x 397 x 204 mm) | <br>20.8 x 14.4 x 2.2 Inches (530 x 367 x 57 mm)<br>20.8 x 17.6 x 8.0 Inches (530 x 447 x 204 mm) |
| Weight | 3.97 Kg (8.75 lbs) | 4.95 Kg (10.9 lbs) |
| Environmental Considerations | Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C)<br>Humidity : 10 % ~ 80 %<br>Storage Temperature : -13 °F ~ 113 °F (-25 °C ~ 45 °C)<br>Humidity : 5 % ~ 95 % | |
| TV System | Tuning | Frequency Synthesize |
| | Color | PAL Multi |
| | Sound | PAL Multi |
| Antenna Input | 75Ω, Coaxial Cable | |
| Sound Characteristic | – MAX internal speaker Out : Right => 3W<br>Left => 3W | Right => 5W<br>Left => 5W |
| | – BASS Control Range : -12dB~ + 12dB<br>– TREBLE Control Range : -12dB~ + 12dB<br>– Headphone Out: RF => 5mW max (400m Vrms)<br>A/V => 10mW max (580 Vrms), Max input sound: -9dBm<br>– Output Frequency : RF => 80 Hz ~ 15 KHz<br>A/V => 80 Hz ~ 20 KHz | |

## 2-2 Pin Assignments

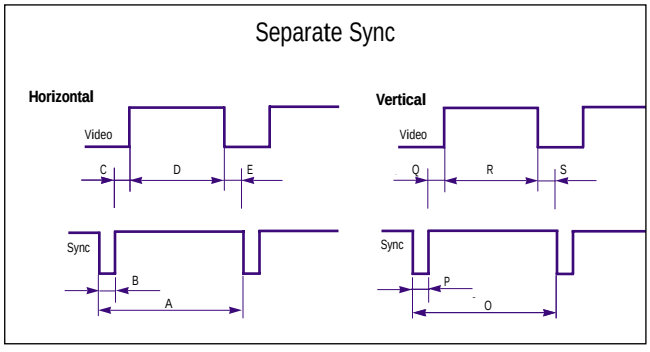
| Sync Type / Pin No. | Separate H/V | Composite H/V | Sync-on-green |
|---|---|---|---|
| 1 | Red | Red | Red |
| 2 | Green | Green | Green + H/V Sync. |
| 3 | Blue | Blue | Blue |
| 4 | GND | GND | GND |
| 5 | GND (DDC Return) | GND (DDC Return) | GND (DDC Return) |
| 6 | GND-Red | GND-Red | GND-Red |
| 7 | GND-Green | GND-Green | GND-Green |
| 8 | GND-Blue | GND-Blue | GND-Blue |
| 9 | No Connection | No Connection | Not Used |
| 10 | GND-Sync./Self Test | GND-Sync./Self Test | GND-Sync./Self Test |
| 11 | GND | GND | GND |
| 12 | DDC Data | DDC Data | DDC Data |
| 13 | Horizontal sync. | H/V-Sync. | Not Used |
| 14 | Vertical sync. | Not Used | Not Used |
| 15 | DDC Clock | DDC Clock | DDC Clock |

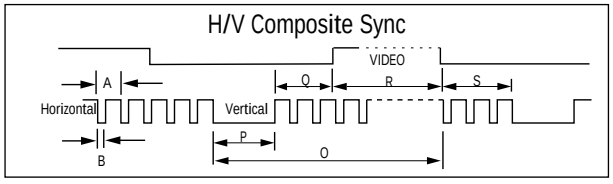
## 2-3 Timing Chart

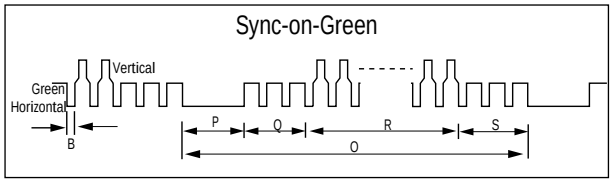
This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

Table 2-1 Timing Chart

| Mode / Timing | IBM | | VESA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | VGA2/ 70 Hz 720 x 400 | VGA3/ 60 Hz 640 x 480 | 640/75 Hz 640 x 480 | 640/85 Hz 640 x 480 | 800/75 Hz 800 x 600 | 800/85 Hz 800 x 600 | 1024/60Hz 1024 x 768 | 1024/75Hz 1024 x 768 | 1024/85Hz 1024x768 | 1280/76Hz 1280x1024 (17" Only) | 1280/75Hz 1280x1024 (17" Only) |
| fH (KHz) | 31.469 | 31.469 | 37.500 | 43.269 | 46.875 | 53.674 | 48.363 | 60.023 | 68.677 | 81.129 | 79.976 |
| A µsec | 31.777 | 31.778 | 26.667 | 23.111 | 21.333 | 18.631 | 20.677 | 16.660 | 14.561 | 16.640 | 12.504 |
| B µsec | 3.813 | 3.813 | 2.032 | 1.556 | 1.616 | 1.138 | 2.092 | 1.219 | 1.016 | 6.400 | 1.067 |
| C µsec | 1.589 | 1.589 | 3.810 | 2.222 | 3.232 | 2.702 | 2.462 | 2.235 | 2.201 | 2.880 | 1.837 |
| D µsec | 26.058 | 26.058 | 20.317 | 17.778 | 16.162 | 14.222 | 15.754 | 13.003 | 10.836 | | 9.481 |
| E µsec | 0.318 | 0.318 | 0.508 | 1.556 | 0.323 | 0.569 | 0.369 | 0.203 | 0.508 | 3.200 | 0.119 |
| fV (Hz) | 70.087 | 59.940 | 75.000 | 85.008 | 75.000 | 85.061 | 60.004 | 75.029 | 84.997 | 76.106 | 75.025 |
| O msec | 14.268 | 16.683 | 13.333 | 11.764 | 13.333 | 11.756 | 16.666 | 13.328 | 11.765 | 10.660 | 13.329 |
| P msec | 0.064 | 0.064 | 0.080 | 0.671 | 0.064 | 0.056 | 0.124 | 0.050 | 0.044 | 0.080 | 0.038 |
| Q msec | 0.858 | 0.794 | 0.427 | 0.578 | 0.448 | 0.503 | 0.600 | 0.466 | 0.524 | 3.200 | 0.475 |
| R msec | 13.155 | 15.761 | 12.800 | 11.093 | 12.800 | 11.179 | 15.880 | 12.795 | 11.183 | | 12.804 |
| S msec | 0.191 | 0.064 | 0.027 | 0.023 | 0.021 | 0.019 | 0.062 | 0.017 | 0.015 | 0.020 | 0.013 |
| Clock Freq. (MHz) | 28.322 | 25.175 | 31.500 | 49.500 | 49.500 | 56.250 | 75.000 | 78.750 | 94.500 | 135.000 | 135.000 |
| Polarity H.Sync | Negative | Negative | Negative | Negative | Positive | Positive | Negative | Positive | Positive | Negative | Positive |
| V.Sync | Positive | Negative | Negative | Negative | Positive | Positive | Negative | Positive | Positive | Negative | Positive |
| Remark | Separate | Separate | Separate | Separate | Separate | Separate | Separate | Separate | Separate | Com. | Separate |




| | | | |
|---|---|---|---|
| A : Line time total | B : Horizontal sync width | O : Frame time total | P : Vertical sync width |
| C : Back porch | D : Active time | Q : Back porch | R : Active time |
| E : Front porch | | S : Front porch | |

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## Memo

# 3 Disassembly and Reassembly

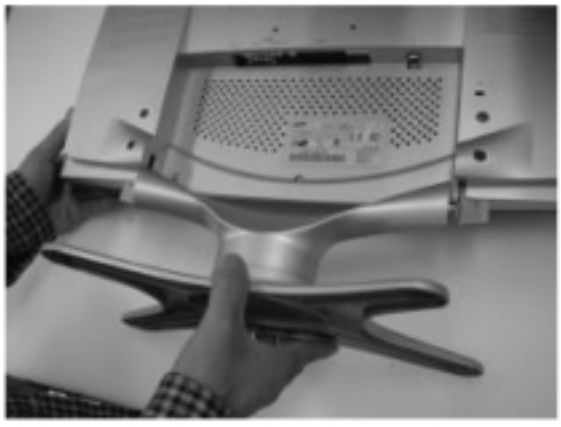
This section of the service manual describes the disassembly and reassembly procedures for the LW15E23CB/LW17E24CB monitor.

**WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.**

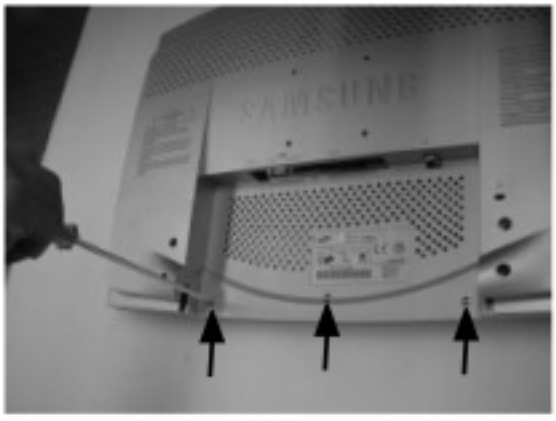
## 3-1 Disassembly

**Cautions:** 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

1. Remove the 4 screws (Rear Cover + Stand) on the rear cover.



2. Remove the assy stand from rear cover.



3. Remove the 3 screws (Rear Cover + Cover Front) on the rear.

4. Lift up the rear cover until it opens completely.

## 3-2 Reassembly

Reassembly procedures are in the reverse order of dissasembly procedures.

# 4 Alignments and Adjustments

## 4-1 General Alignment Instruction

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
5. Connect the TV only to an DC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect aganist shock hazard, use an isolation transformer.

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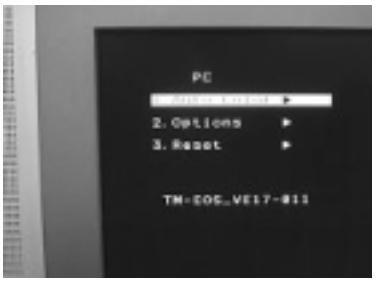
## 4-2 Adjustment Instruction




### 4-2-1 Service Mode Screen

1. Adjustment
   - RGB Contrast
   - RGB Bright
   - R Gain
   - G Gain
   - B Gain
   - FB Gain
2. Options
   - Default : on
   - Help Osd : off
   - Suwon Ch Table
   - Spain Ch Table
   - Eeprom clear
3. Auto Color
   - Auto color (PC)
   - Auto color (TV)
4. Reset

### 4-2-2 Service function

1. EEPROM Clear : Initially executed when replacing OTP.
2. TV Auto Color : Used to adjust TV image color.
3. PC Auto Color : Used to adjust PC image color.
4. Reset : Used after all adjustments.
5. Other functions shown are not service related.

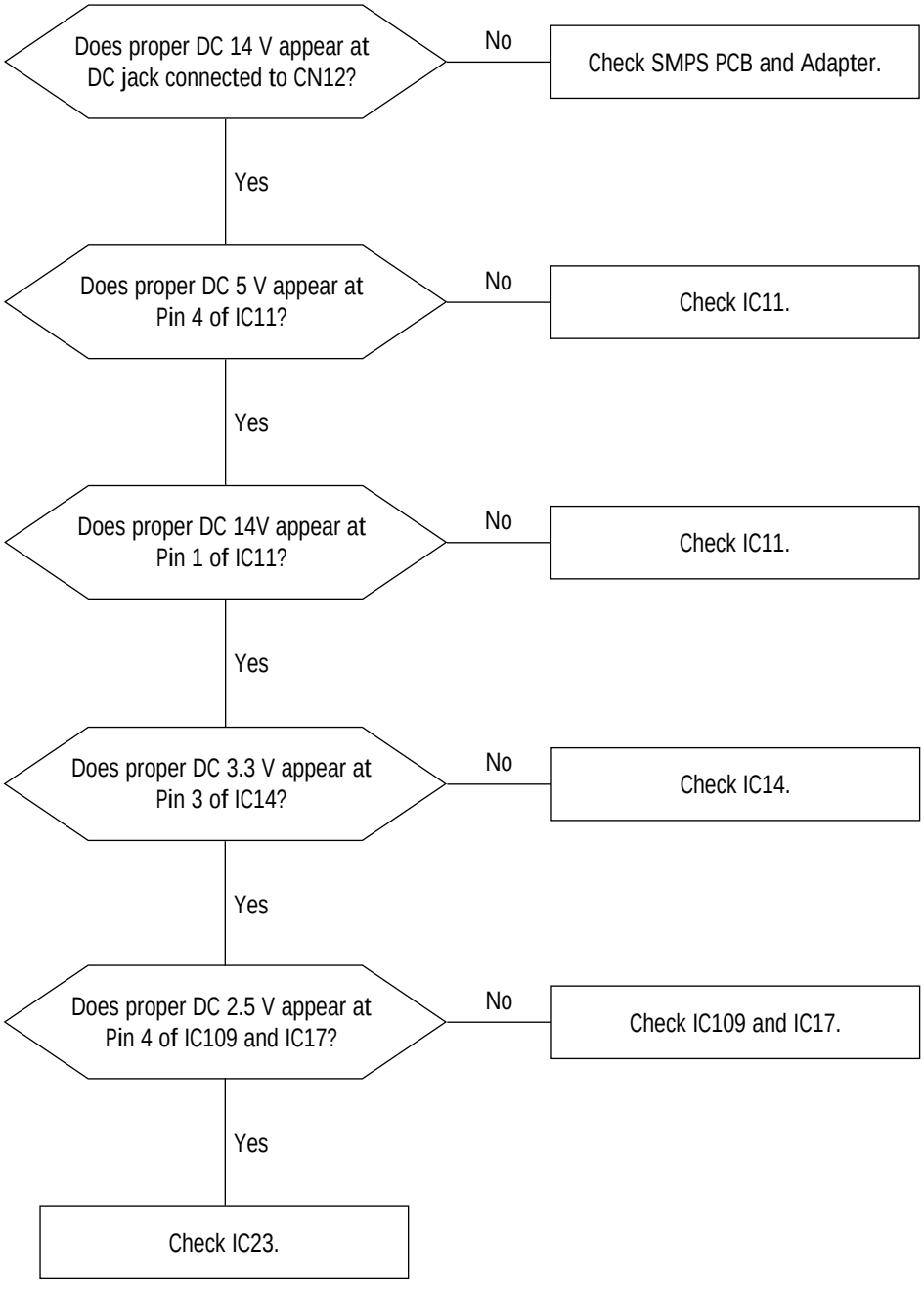
### 4-2-3 Adjustment Sequence for ROM change only

EEPROM Clear → TV auto color → PC auto color → RESET

(For ROM change only)

# 5 Troubleshooting

## 5-1 No Power


Does proper DC 14 V appear at DC jack connected to CN12?
No
Check SMPS PCB and Adapter.
Yes
Does proper DC 5 V appear at Pin 4 of IC11?
No
Check IC11.
Yes
Does proper DC 14V appear at Pin 1 of IC11?
No
Check IC11.
Yes
Does proper DC 3.3 V appear at Pin 3 of IC14?
No
Check IC14.
Yes
Does proper DC 2.5 V appear at Pin 4 of IC109 and IC17?
No
Check IC109 and IC17.
Yes
Check IC23.

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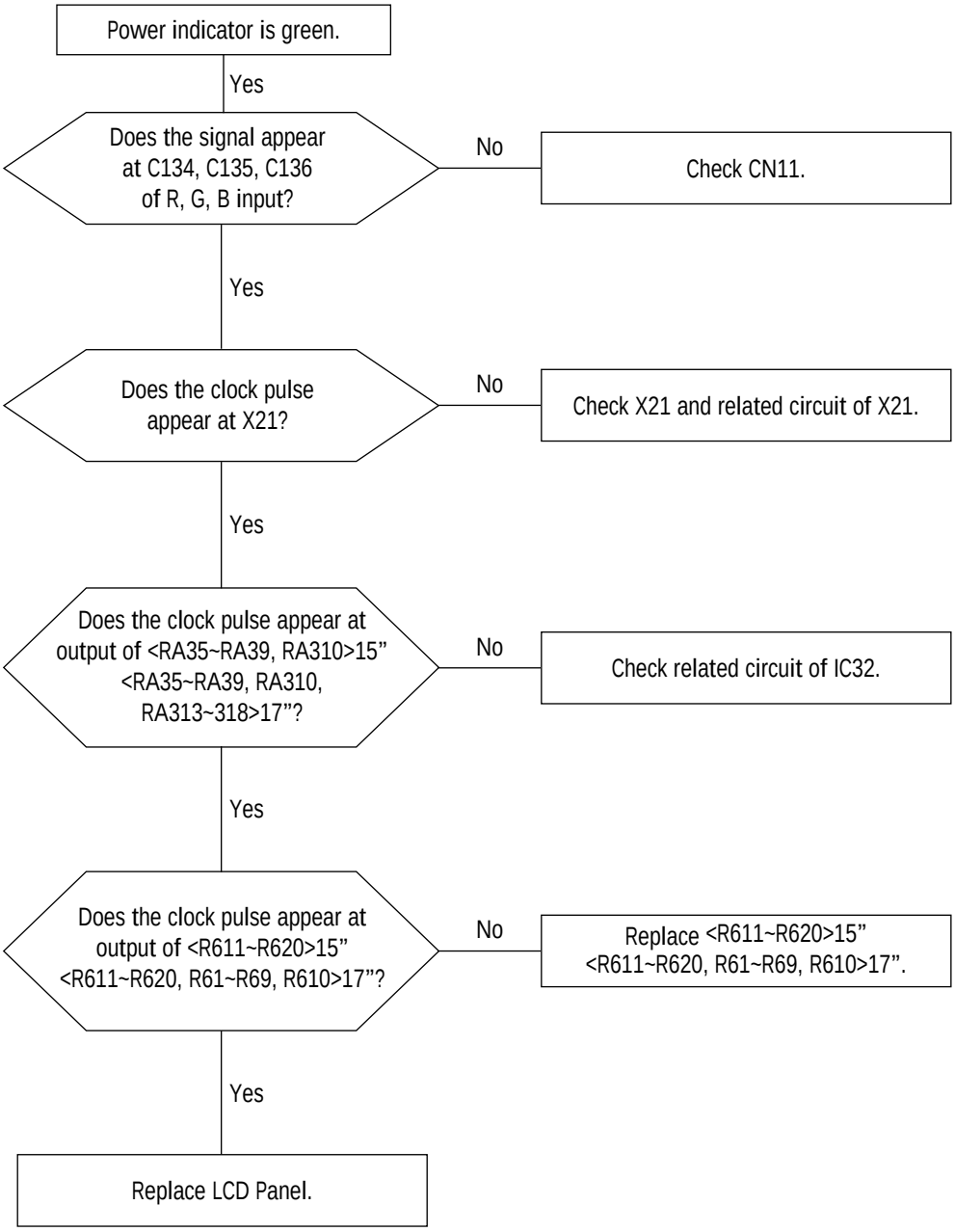
## 5-2 No Video (PC Signal)



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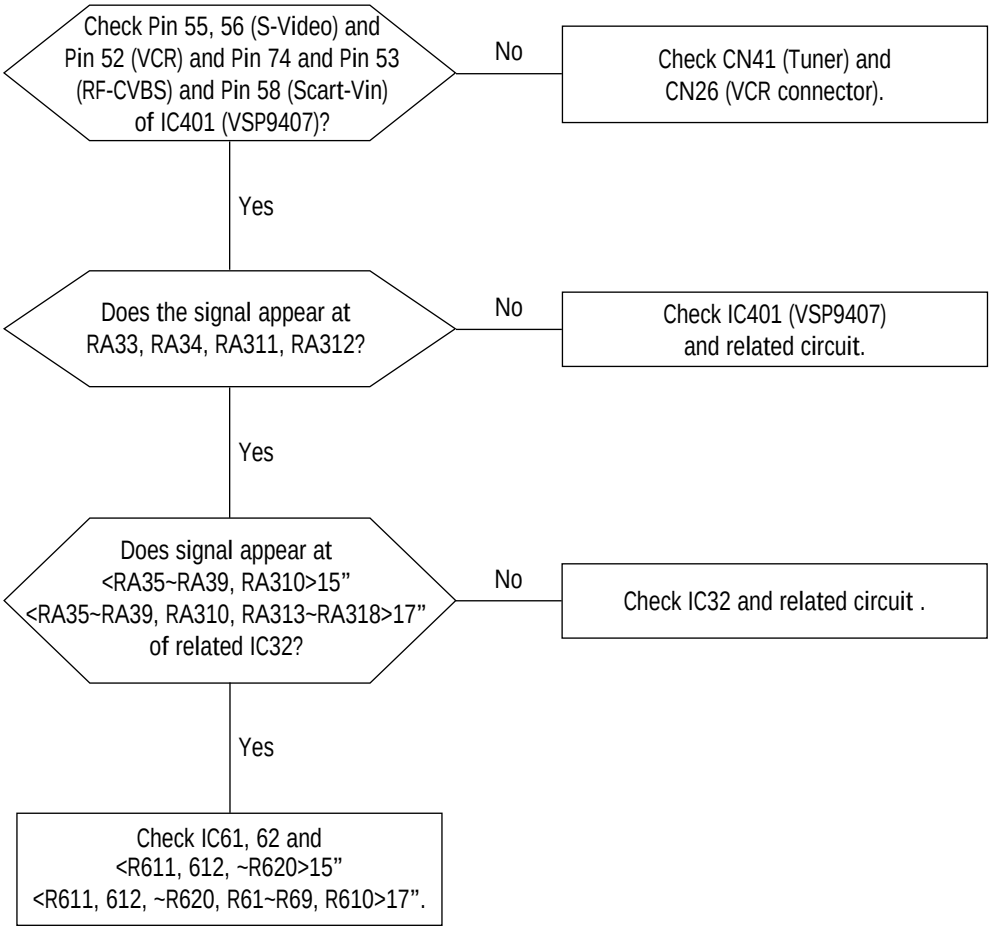
## 5-3 No Picture (TV, Video, S-Video)



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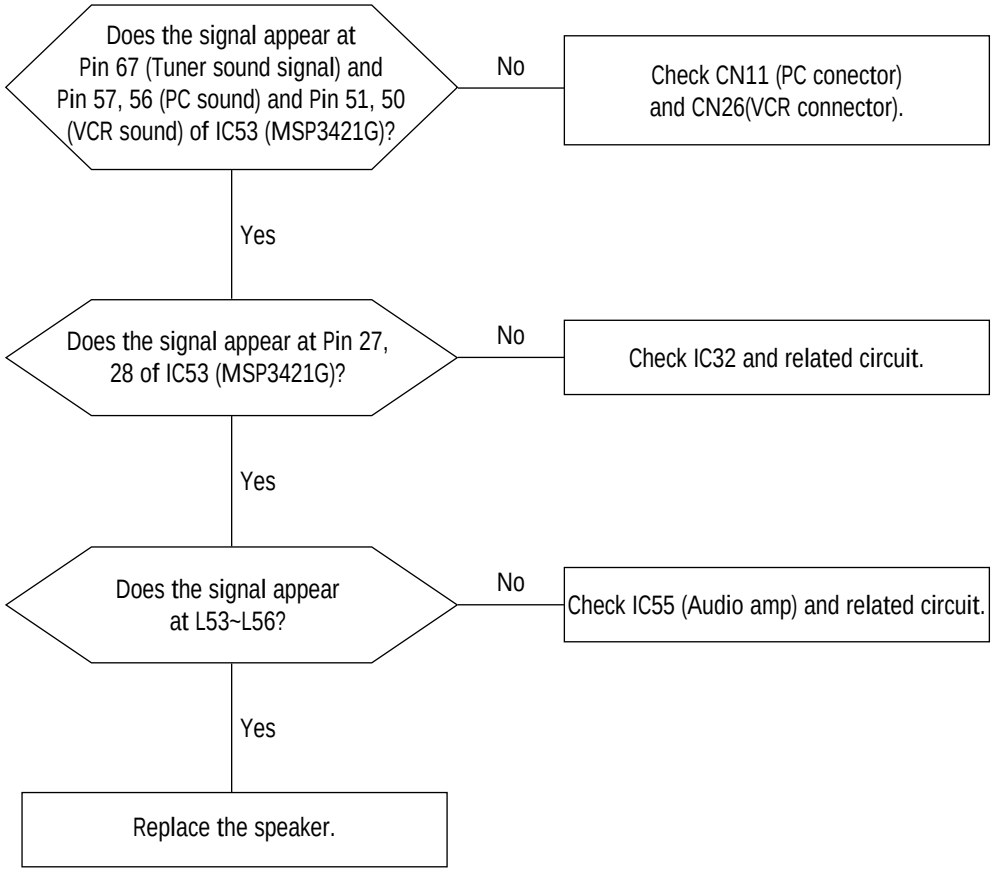
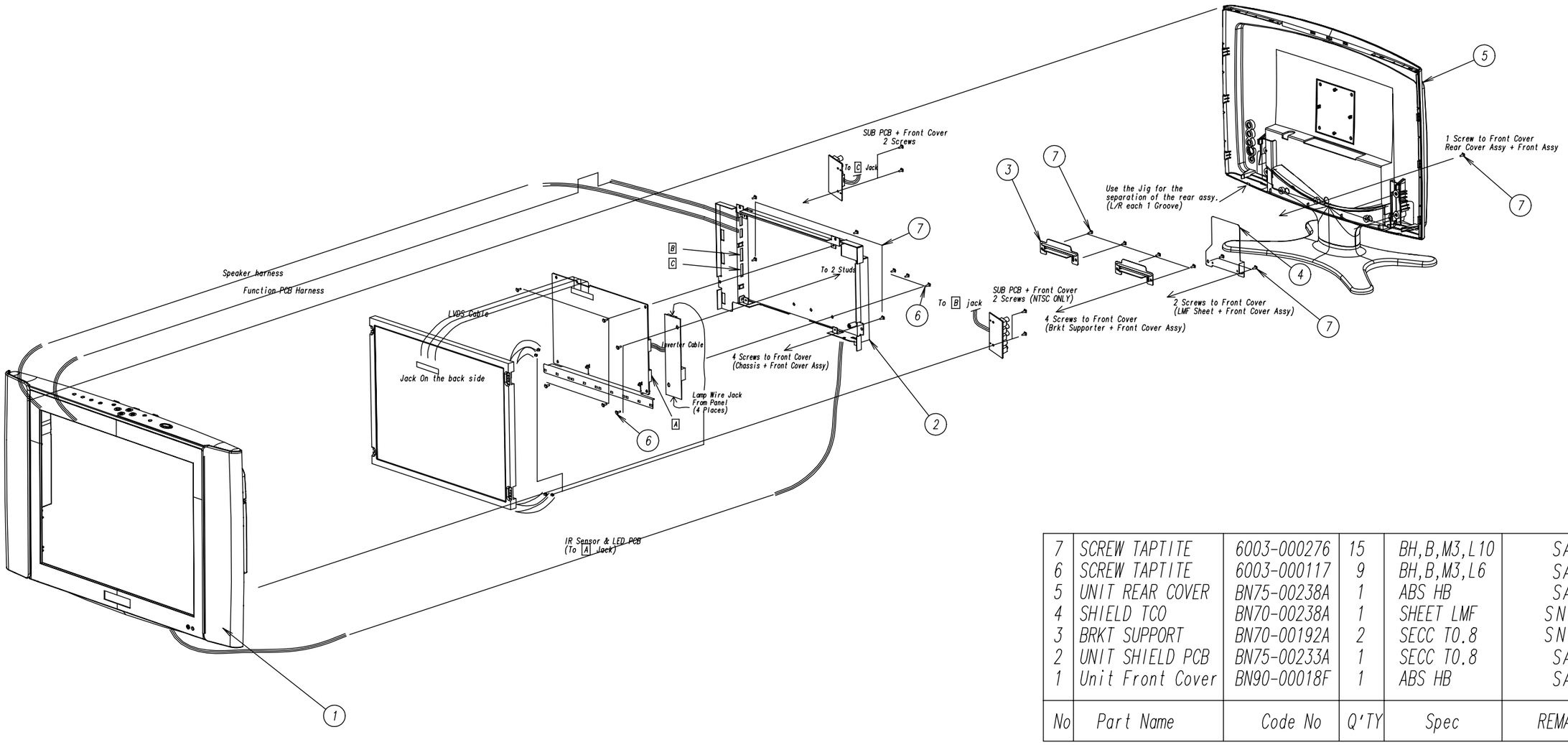
## 5-4 No Sound


Does the signal appear at Pin 67 (Tuner sound signal) and Pin 57, 56 (PC sound) and Pin 51, 50 (VCR sound) of IC53 (MSP3421G)?
No
Check CN11 (PC conector) and CN26(VCR connector).
Yes
Does the signal appear at Pin 27, 28 of IC53 (MSP3421G)?
No
Check IC32 and related circuit.
Yes
Does the signal appear at L53~L56?
No
Check IC55 (Audio amp) and related circuit.
Yes
Replace the speaker.

# 6 Exploded View and Parts List

## 6-1-1 LW15E23CB




| No | Part Name | Code No | Q'TY | Spec | REMARK |
|---|---|---|---|---|---|
| 7 | SCREW TAPTITE | 6003-000276 | 15 | BH,B,M3,L10 | SA |
| 6 | SCREW TAPTITE | 6003-000117 | 9 | BH,B,M3,L6 | SA |
| 5 | UNIT REAR COVER | BN75-00238A | 1 | ABS HB | SA |
| 4 | SHIELD TCO | BN70-00238A | 1 | SHEET LMF | SNA |
| 3 | BRKT SUPPORT | BN70-00192A | 2 | SECC T0.8 | SNA |
| 2 | UNIT SHIELD PCB | BN75-00233A | 1 | SECC T0.8 | SA |
| 1 | Unit Front Cover | BN90-00018F | 1 | ABS HB | SA |

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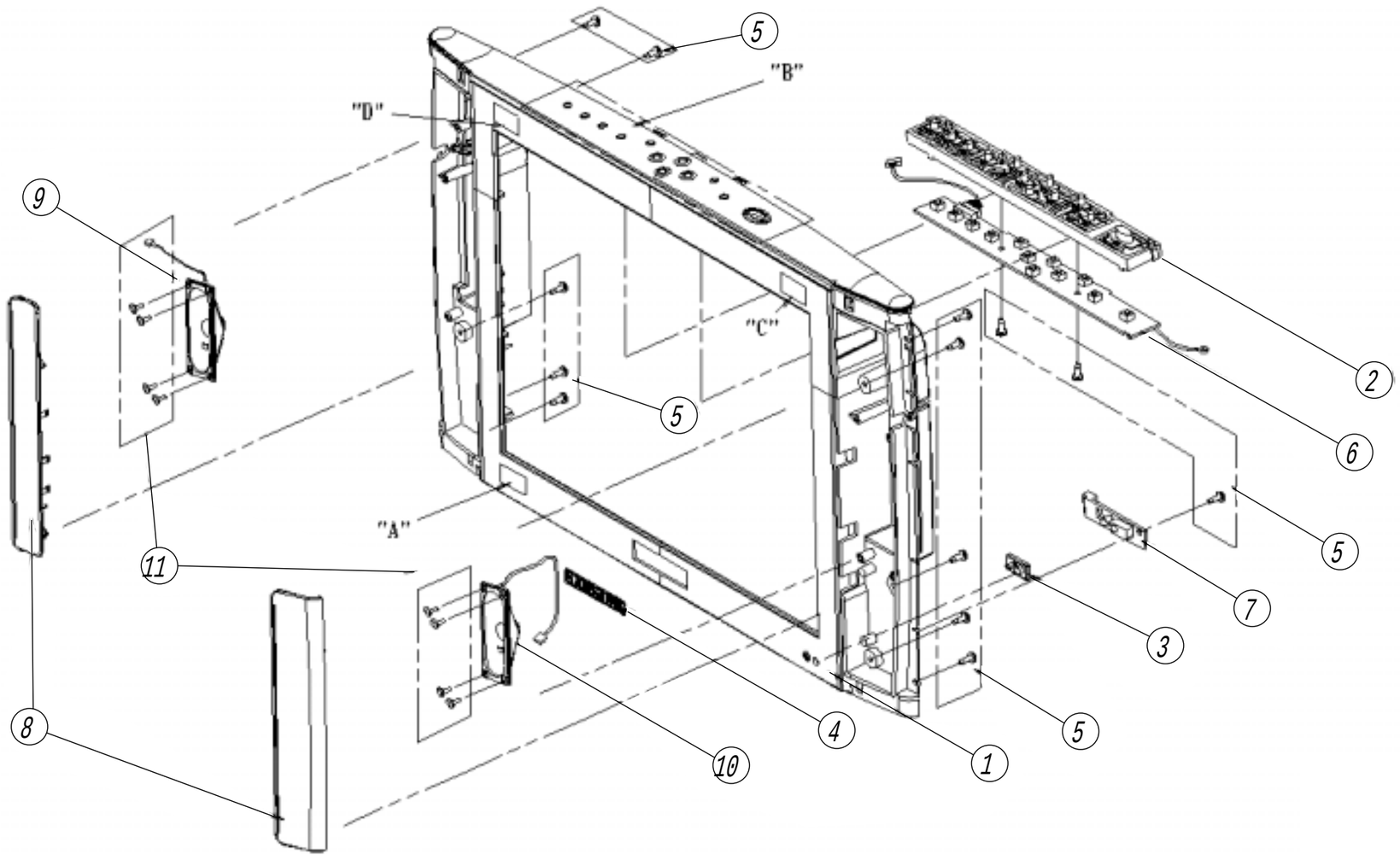
## 6-1-2 LW15E23CB Front




| | | | | | | |
|---|---|---|---|---|---|---|
| BN90-00018F | 11 | SCREW-TAPTITE | 6002-00129 | FH, M3, L8 | 8 | SA |
| | 10 | SPEAKER SYSTEM(R) | BN59-00262A | | 1 | SA |
| | 9 | SPEAKER SYSTEM(L) | BN59-00263A | | 1 | SA |
| | 8 | GRILL-SPEAKER | BN64-00039A | ABS HB GR60 | 1(L/R) | SNA |
| | 7 | IR SENSOR PCB | BN59-00216A | REMOCON SENSING PCB | 1 | SA |
| | 6 | FUNCTION PCB | BN59-00214A | FUNCTION KEY | 1 | SA |
| | 5 | SCREW-TAPTITE | 6003-000276 | BH, M3, L10 | 13 | SA |
| | 4 | LOGO BADGE | BN64-00031A | AL 40, IX6, 3X1, 4 SILVER | 1 | SNA |
| | 3 | LENS LED | BN67-00020A | PC CLEAR | 1 | SA |
| | 2 | KNOB-FUNCTION | BN64-00035A | ABS+PC 5V IV16 | 1 | SNA |
| | 1 | COVER-FRONT | BN72-00258A | | 1 | SNA |
| UNIT CODE NO. | NO | PART NAME | CODE NO. | SPECIFICATION | Q'TY | REMARK |

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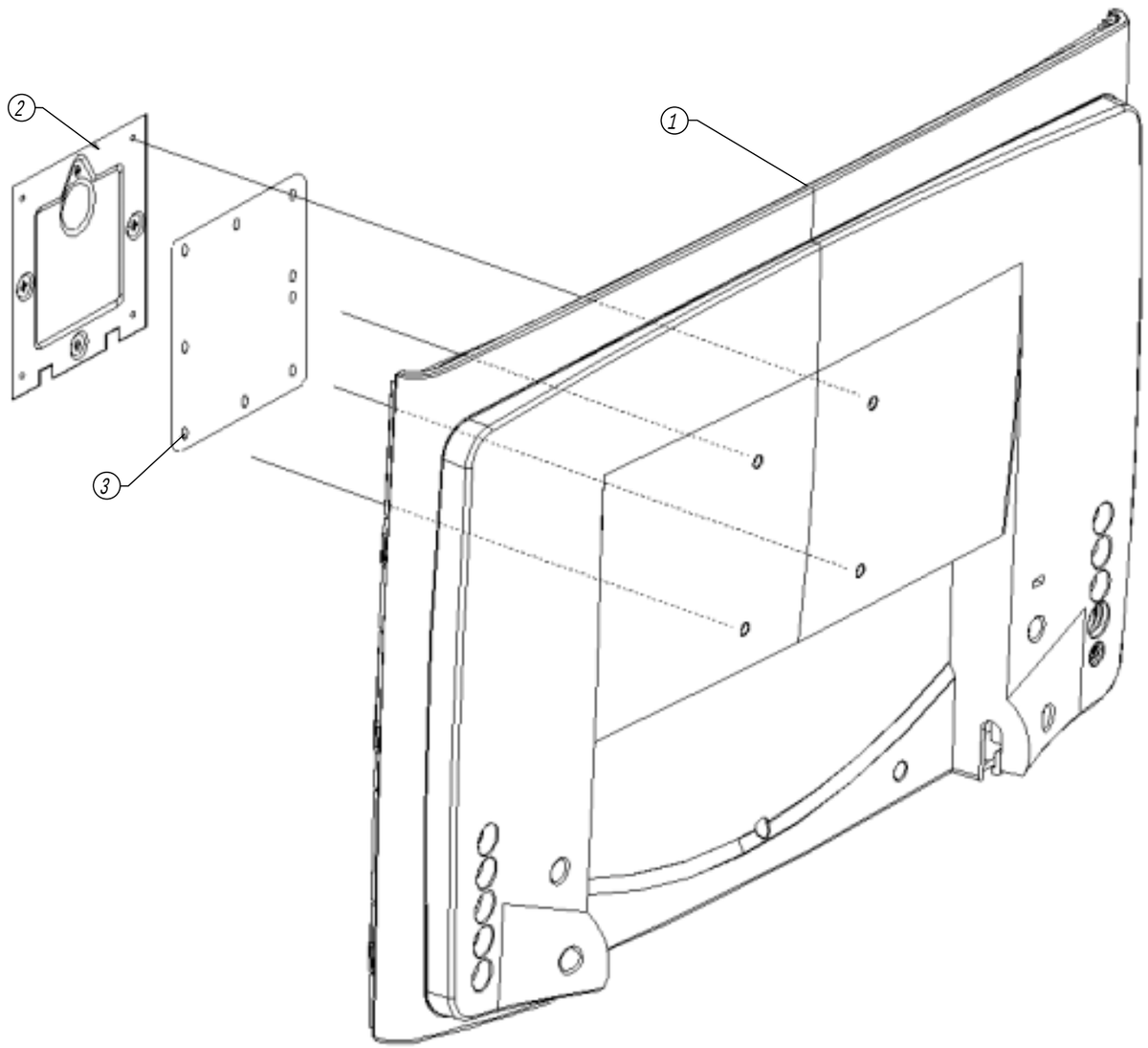
## 6-1-3 LW15E23CB Rear




| | | | | | | |
|---|---|---|---|---|---|---|
| BN90-00238A | 3 | NON-WOVEN CLOTH | | T1.0(95*95) | 1 | - |
| | 2 | PLATE VESA | BN70-00176A | SECC T0.8 | 1 | SNA |
| | 1 | COVER REAR | BN72-00259B | ABS HB IV16 | 1 | SNA |
| UNIT CODE NO. | NO | PATR NAME | CODE NO. | MATERIAL | Q'TY | REMARK |

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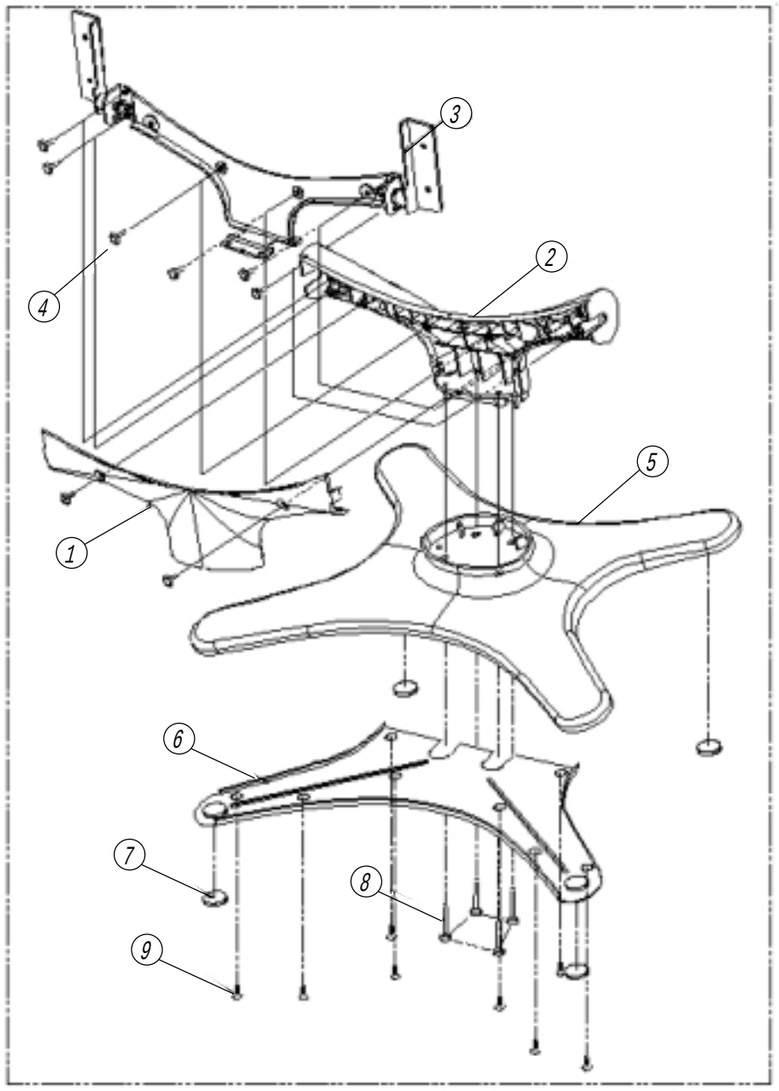
## 6-1-3 LW15E23CB Stand




| UNIT CODE NO. | NO | PART NAME | CODE NO. | SPECIFICATION | Q'TY |
|---|---|---|---|---|---|
| BN75-00242A | 9 | SCREW-TAPTITE | 6003-001010 | FH,+,B,M3,L6,ZPC(YEL) | 8 |
| | 8 | SCREW-TAPTITE | 6003-001315 | BH,+ M4,L20,ZPC(YEL) | 4 |
| | 7 | RUBBER-LEG | BH73-60339A | SLC1400,EVA,GRAY,65HB | 4 |
| | 6 | FRAME STAND BASE | BN61-00159A | SECC,T1,2 | 1 |
| | 5 | STAND BASE | BN61-00184A | ABS+PC,IV16 | 1 |
| | 4 | SCREW TAPTITE | 6003-000009 | BH,+,M3,L10 | 8 |
| | 3 | ASS'Y HINGE | BN75-00211A | SECC,T2,O | 1 |
| | 2 | STAND-REAR | BN72-00254A | ABS HB IV16 | 1 |
| | 1 | STAND-FRONT | BN72-00257A | ABS HB IV16 | 1 |

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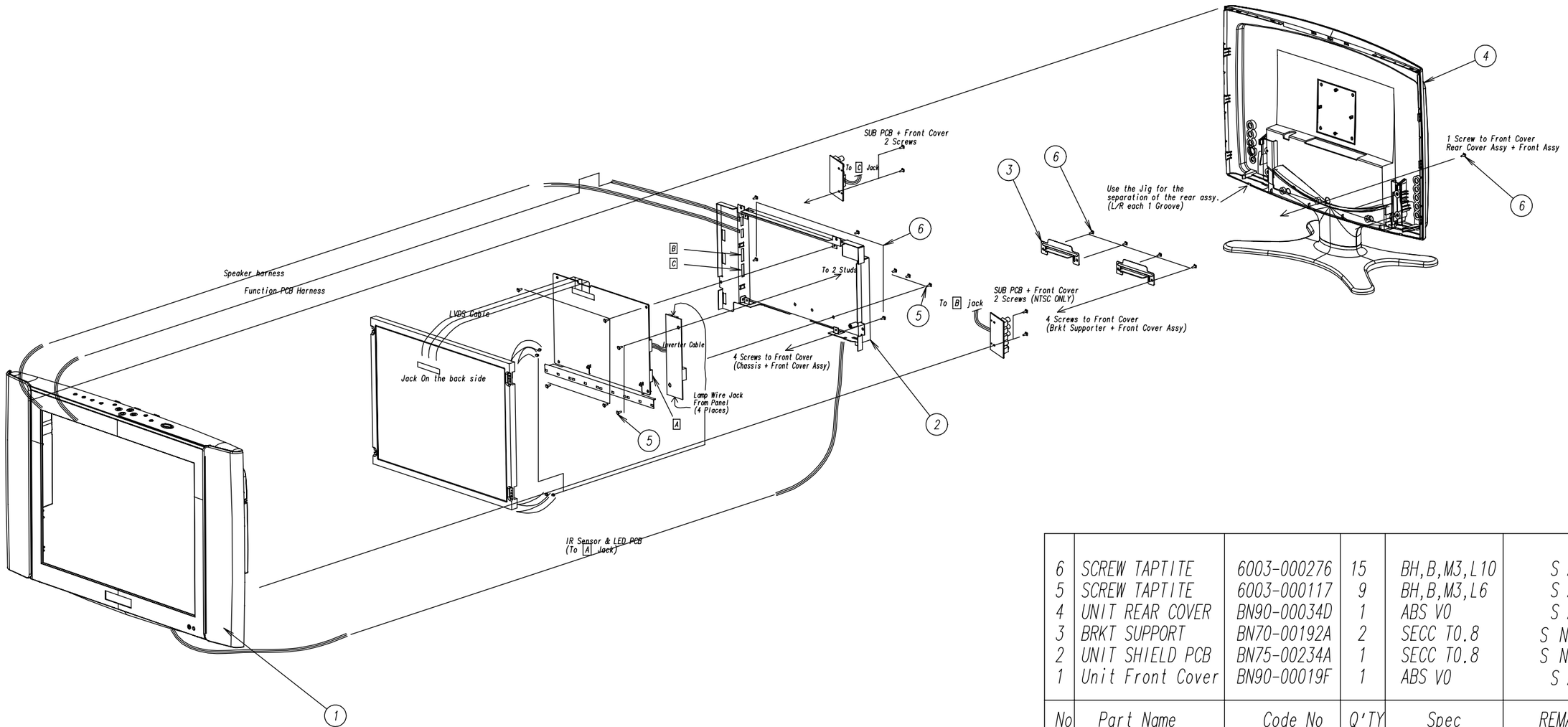
# 6-2-1 LW17E24CB




| No | Part Name | Code No | Q'TY | Spec | REMARK |
|---|---|---|---|---|---|
| 6 | SCREW TAPTITE | 6003-000276 | 15 | BH,B,M3,L10 | S A |
| 5 | SCREW TAPTITE | 6003-000117 | 9 | BH,B,M3,L6 | S A |
| 4 | UNIT REAR COVER | BN90-00034D | 1 | ABS V0 | S A |
| 3 | BRKT SUPPORT | BN70-00192A | 2 | SECC T0.8 | S N A |
| 2 | UNIT SHIELD PCB | BN75-00234A | 1 | SECC T0.8 | S N A |
| 1 | Unit Front Cover | BN90-00019F | 1 | ABS V0 | S A |

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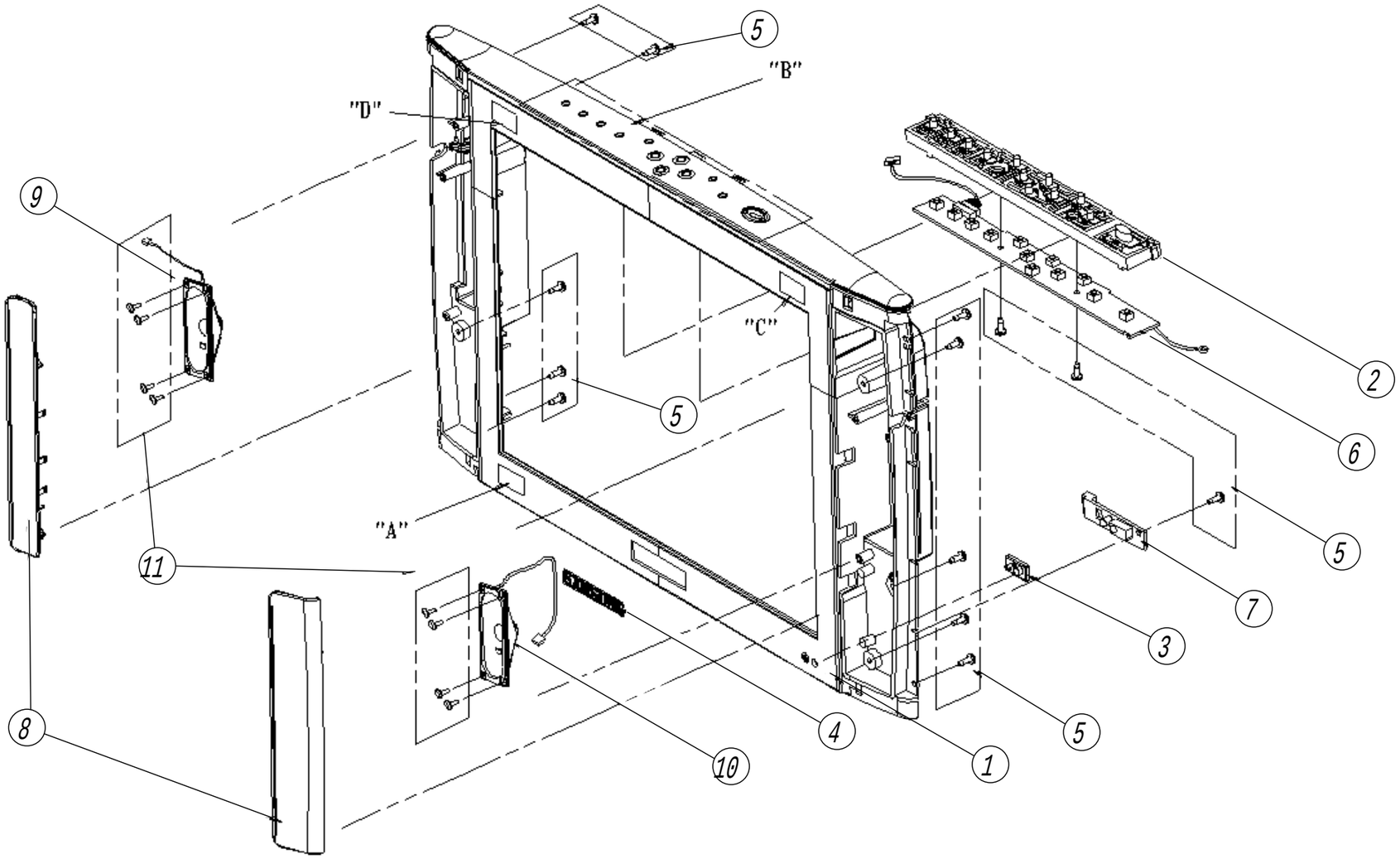
## 6-2-2 LW17E24CB Front




| | | | | | | |
|---|---|---|---|---|---|---|
| BN90-00019F | 11 | SCREW-TAPTITE | 6002-00129 | FH, M3, L8 | 8 | SA |
| | 10 | SPEAKER SYSTEM(R) | BN59-00264A | | 1 | SA |
| | 9 | SPEAKER SYSTEM(L) | BN59-00263A | | 1 | SA |
| | 8 | GRILL-SPEAKER | BN63-00092A | ABS HB GR60 | 1(L/R) | SNA |
| | 7 | IR SENSOR PCB | BN59-00216A | REMOCON SENSING PCB | 1 | SA |
| | 6 | FUNCTION PCB | BN59-00214A | FUNCTION KEY | 1 | SA |
| | 5 | SCREW-TAPTITE | 6003-000276 | BH, M3, L10 | 13 | SA |
| | 4 | LOGO BADGE | BN64-00031A | AL 40, IX6, 3X1, 4 SILVER | 1 | SNA |
| | 3 | LENS LED | BN67-00020A | PC CLEAR | 1 | SA |
| | 2 | KNOB-FUNCTION | BN64-00035A | ABS+PC 5V IV16 | 1 | SNA |
| | 1 | COVER-FRONT | BN63-00090A | ABS V0 IV16 | 1 | SNA |
| UNIT CODE NO. | NO | PART NAME | CODE NO. | SPECIFICATION | Q'TY | REMARK |

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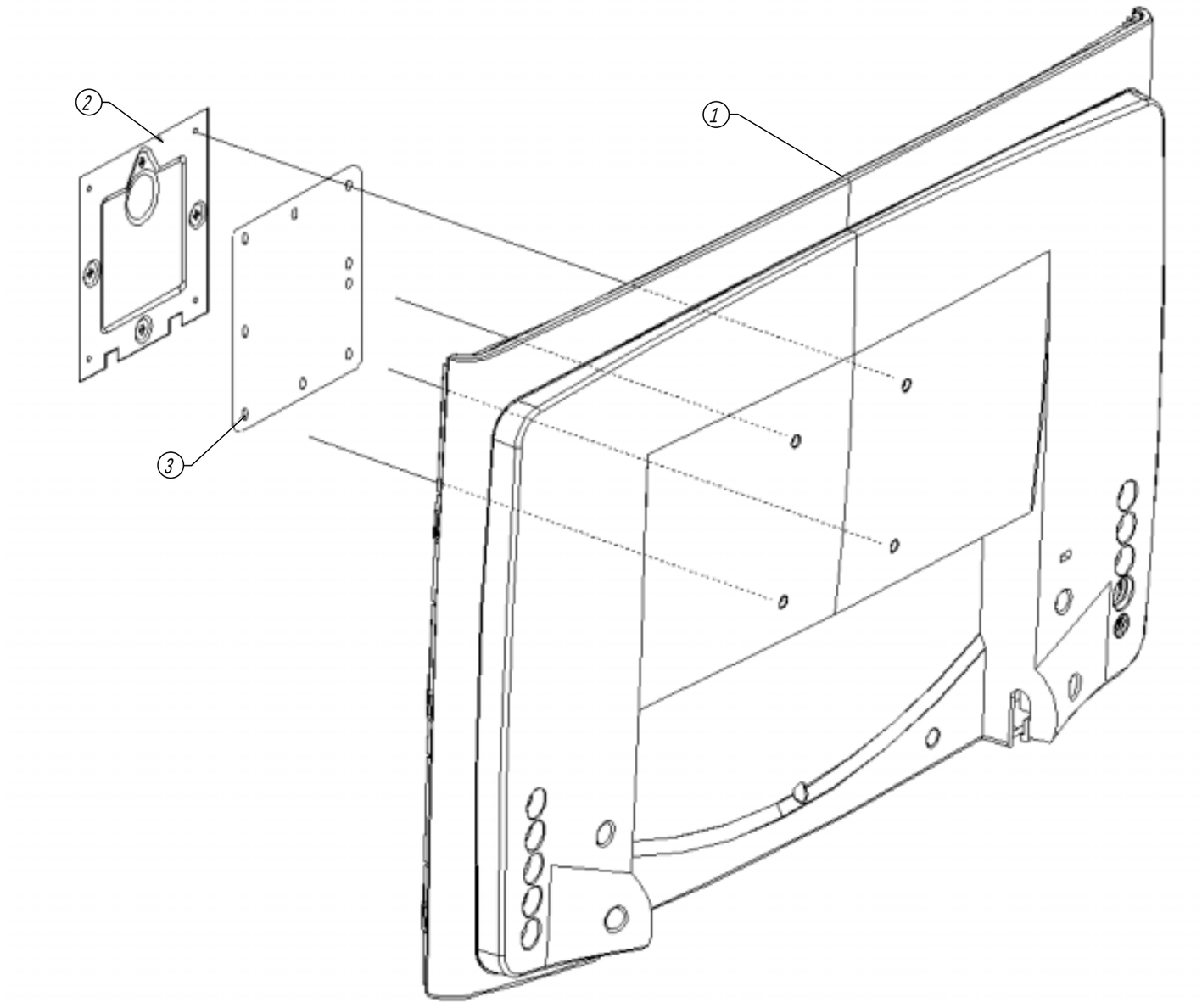
## 6-2-3 LW17E24CB Rear




| | | | | | | |
|---|---|---|---|---|---|---|
| BN90-00034D | 3 | NON-WOVEN CLOTH | | T1.0(95*95) | 1 | - |
| | 2 | PLATE VESA | BN70-00176A | SECC T0.8 | 1 | SNA |
| | 1 | COVER REAR | BN63-00091B | ABS HB IV16 | 1 | SNA |
| UNIT CODE NO. | NO | PATR NAME | CODE NO. | MATERIAL | Q'TY | REMARK |

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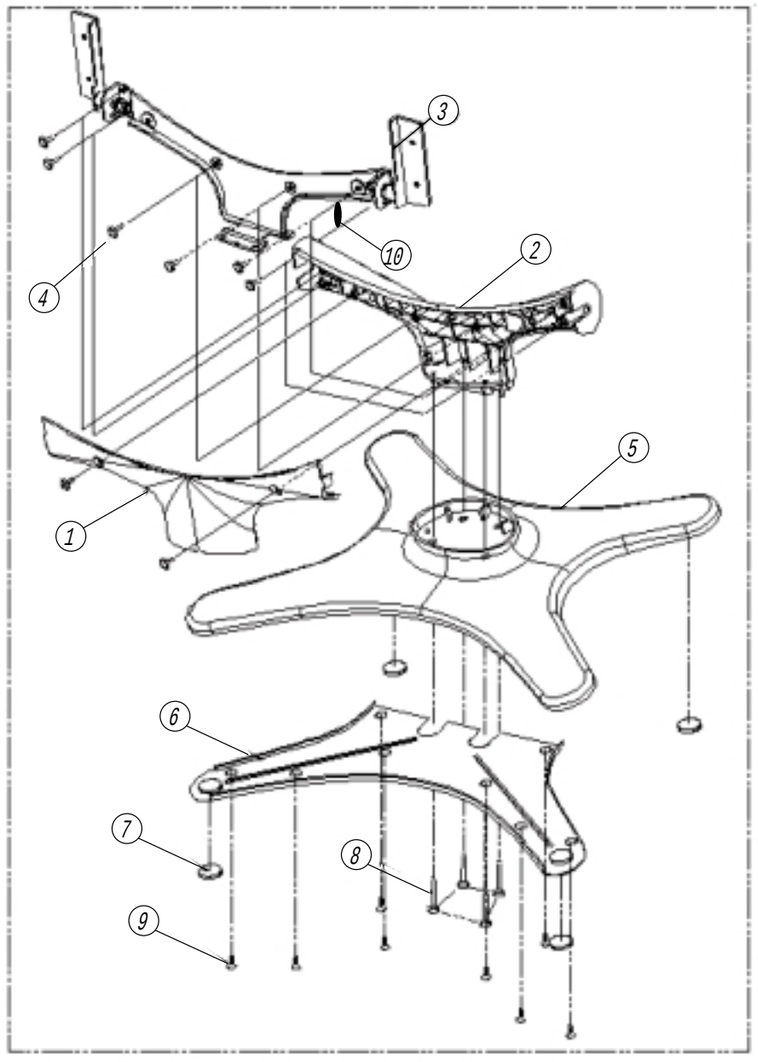
## 6-2-4 LW17E24CB Stand




| | | | | | |
|---|---|---|---|---|---|
| BN96-00204A | 10 | STICKER | - | BLUE, CIRCLE | 1 |
| | 9 | SCREW-TAPTITE | 6003-001010 | FH,+, B,M3,L6, ZPC(YEL) | 9 |
| | 8 | SCREW-TAPTITE | 6003-001315 | BH,+ M4,L20, ZPC(YEL) | 4 |
| | 7 | RUBBER-LEG | BH73-60339A | SLC1400, EVA, GRAY, 65HB | 4 |
| | 6 | FRAME STAND BASE | BN61-00266A | SECC,T1, 2 | 1 |
| | 5 | STAND BASE | BN61-00184A | ABS+PC, IV16 | 1 |
| | 4 | SCREW TAPTITE | 6003-000009 | BH, +, M4, L16 | 8 |
| | 3 | ASS'Y HINGE | BN75-00211A | SECC,T2, O | 1 |
| | 2 | STAND-REAR | BN72-00254A | ABS HB IV16 | 1 |
| | 1 | STAND-FRONT | BN72-00257A | ABS HB IV16 | 1 |
| UNIT CODE NO. | NO | PART NAME | CODE NO. | SPECIFICATION | Q'TY |

# 7 Electrical Parts List

## 7-1-1 LW15E23CB Main PCB Parts

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| - | BN94-00360A | ASSY PCB MAIN | EA-ES15EO | SNA |
| C115 | 2401-002286 | C-AL | 470uF,20%,16V,WT,TP,10x12.5,5 | |
| C116 | 2401-002286 | C-AL | 470uF,20%,16V,WT,TP,10x12.5,5 | |
| CIS | 0202-001044 | SOLDER-WIRE. | S63S-W3.0,S63S,D3,63Sn/37Pb,- | SNA |
| CIS | 0202-001046 | SOLDER-WIRE FLUX | CF-110VH-2A,-,-,-,- | SNA |
| CIS | 0202-001222 | SOLDER-WIRE FLUX | RS-107,RS60-1.2AA,D1.2,SN60/PB40,- | SNA |
| CIS | 0204-001095 | THINNER | #4520,-,-,- | SNA |
| CIS | BN39-00047A | CBF-HARNESS | 100MM,100MM,BLU/WHT/GRY,UL1061,AWG28,51021-1200 | |
| CIS | BN39-00201A | LEAD CONNECTOR-ASSY | ES15AS,UL2835#28,UL/CSA,6P,-,-,#28,12505HS-06,12505HS-06,BK,-,-,170MM,2835#28,SJ | |
| CIS | BN39-00286A | LEAD CONNECTOR-ASSY | ES15U0,UL2835#28,UL/CSA,20P,#28,12507HS-20,12507HS-20,BK,180MM,2835#28,SJ02-01-1 | |
| CIS | BN44-00056B | INVERTER | GH15IS,SIC1542T,48KHZ,11.5~14.5,3.6MARMS,6.8MARMS,48KHZ,140*37.0*17.0,4LAMP,48KH | |
| CIS | BN83-00065A | CKD-BN44-00056A | BN44-00056A,1203-000560 | SNA |
| CIS | BN83-00066A | CKD-BN44-00056A | BN44-00056A,1201-000471 | SNA |
| CIS | BN83-00067A | CKD-BN44-00056A | BN44-00056A,1202-000104 | SNA |
| CIS | BN83-00068A | CKD-BN44-00056A | BN44-00056A,0504-000158 | SNA |
| CIS | BN83-00069A | CKD-BN44-00056A | BN44-00056A,0501-000457 | SNA |
| CIS | BN83-00070A | CKD-BN44-00056A | BN44-00056A,0504-000129 | SNA |
| CIS | BN83-00071A | CKD-BN44-00056A | BN44-00056A,0501-000462 | SNA |
| CIS | BN83-00072A | CKD-BN44-00056A | BN44-00056A,0505-001160 | SNA |
| CIS | BN83-00073A | CKD-BN44-00056A | BN44-00056A,0501-002186 | SNA |
| CIS | BN83-00074A | CKD-BN44-00056A | BN44-00056A,0407-000114 | SNA |
| CIS | BN83-00075A | CKD-BN44-00056A | BN44-00056A,0402-001110 | SNA |
| CIS | BN83-00076A | CKD-BN44-00056A | BN44-00056A,0407-000122 | SNA |
| CIS | BN83-00077A | CKD-BN44-00056A | BN44-00056A,0407-000116 | SNA |
| CIS | BN83-00078A | CKD-BN44-00056A | BN44-00056A,2401-003400 | SNA |
| CIS | BN83-00079A | CKD-BN44-00056A | BN44-00056A,2301-001336 | SNA |
| CIS | BN83-00080A | CKD-BN44-00056A | BN44-00056A,2201-002122 | SNA |
| CIS | BN83-00081A | CKD-BN44-00056A | BN44-00056A,2203-000206 | SNA |
| CIS | BN83-00082A | CKD-BN44-00056A | BN44-00056A,2203-001458 | SNA |
| CIS | BN83-00083A | CKD-BN44-00056A | BN44-00056A,2203-000455 | SNA |
| CIS | BN83-00084A | CKD-BN44-00056A | BN44-00056A,2203-000590 | SNA |
| CIS | BN83-00085A | CKD-BN44-00056A | BN44-00056A,2203-001130 | SNA |
| CIS | BN83-00086A | CKD-BN44-00056A | BN44-00056A,2203-002793 | SNA |
| CIS | BN83-00089A | CKD-BN44-00056A | BN44-00056A,2007-000794 | SNA |
| CIS | BN83-00092A | CKD-BN44-00056A | BN44-00056A,2007-000872 | SNA |
| CIS | BN83-00095A | CKD-BN44-00056A | BN44-00056A,2007-000122 | SNA |
| CIS | BN83-00097A | CKD-BN44-00056A | BN44-00056A,2007-001114 | SNA |
| CIS | BN83-00098A | CKD-BN44-00056A | BN44-00056A,2007-000269 | SNA |
| CIS | BN83-00102A | CKD-BN44-00056A | BN44-00056A,2007-000934 | SNA |
| CIS | BN83-00103A | CKD-BN44-00056A | BN44-00056A,2007-000070 | SNA |
| CIS | BN83-00104A | CKD-BN44-00056A | BN44-00056A,2007-002422 | SNA |
| CIS | BN83-00105A | CKD-BN44-00056A | BN44-00056A,2007-000691 | SNA |
| CIS | BN83-00106A | CKD-BN44-00056A | BN44-00056A,2104-000224 | SNA |
| CIS | BN83-00108A | CKD-BN44-00056A | BN44-00056A,3601-001038 | SNA |
| CIS | BN83-00110A | CKD-BN44-00056A | BN44-00056A,3711-000556 | SNA |
| CIS | BN83-00111A | CKD-BN44-00056A | BN44-00056A,3711-004702 | SNA |
| CIS | BN83-00113A | CKD-BN44-00056A | BN44-00056A,LH72-00170A | SNA |
| CIS | BN83-00137A | CKD-BN44-00056A | BN44-00056A,2007-000091 | SNA |
| CIS | BN83-00150A | CKD-BN44-00056B | GG15,CKD-BN44-0056B | SNA |
| CIS | BN83-00151A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00152A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00153A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00154A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00155A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00156A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00157A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |

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| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | BN83-00158A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00159A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00160A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00161A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00162A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN83-00163A | CKD-BN44-00056B | GG15,BN44-00056B | SNA |
| CIS | BN63-00003A | GASKET-SHIELD | LSA700,POLYURETHANE SPONGE,-,-,35MM,-,-,- | SNA |
| CIS | BN63-00059A | GASKET | GH17MS,CONDUCTIVE FABRIC,5MM,160MM,17MM,-,-,EMI-GASKET | SNA |
| CIS | BN63-00066A | SHIELD-D SUB | EOS15,SPTE ,T0.5,-,-,-,- | SNA |
| CIS | BN63-00121A | GASKET | EOS,CONDUCTIVE FABRIC,4MM,30MM,80MM,GRAY,71TSSK 30-4-80-13,71TSSK 30-4-80-13 | SNA |
| CIS | BN63-00133A | GASKET | EOS,CONDUTIVE FABRIC,17MM,5MM,260MM,GRAY,71TSK17-5-260-13,71TSK17-5-260-13 | SNA |
| CIS | BN75-00233A | UNIT-SHIELD PCB | EOS 15,-,SECC,T0.8,-,-,-,- | SNA |
| CN11 | 3701-001219 | CONNECTOR-DSUB | 15P,3R,FEMALE,ANGLE,AUF | |
| CN12 | 3722-000117 | JACK-DC POWER | 3P,3.5MM,AG,BLK,NO | SNA |
| CN41 | 3722-000183 | JACK-SCART | 21P,4mm,SN,BLK,NO | |
| CN51 | 3722-001055 | JACK-PHONE | 5P/2C,3.6PI,AG,BLK,#16-22 | |
| CN52 | 3711-004386 | CONNECTOR-HEADER | BOX,3P,1R,2mm,ANGLE,SN | SNA |
| CN53 | 3711-004270 | CONNECTOR-HEADER | BOX,2P,1R,2MM,ANGLE,SN | SNA |
| IC404 | 1204-001904 | IC-PAL DECODER | SAA5264PS,SDIP,52P,600MIL,PLASTIC,3.6V,-,-20TO+70C,ST,IC-DECODER | |
| IN/PCB+SH/PCB | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| L45 | 2701-000114 | INDUCTOR-AXIAL | 10uH,10%,2.5x3.4mm | |
| L46 | 2701-000114 | INDUCTOR-AXIAL | 10uH,10%,2.5x3.4mm | |
| L47 | 2701-000146 | INDUCTOR-AXIAL | 2.2uH,10%,2.5x3.4mm | |
| M/PCB_SH/PCB | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| SH/PCB+SH/D_SUB | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| U512 | BN40-00005A | RF MODULATOR-PAL | TCPQ9091PD27D,PAL,-,-,-,5V,-10TO+65C,50DB,55DB | |
| - | BN97-00115H | ASSY MICOM | ES15EO | |
| IC22 | 1102-001108 | IC-EPROM | 27C020,256Kx8Bit,PLCC,32P,495MIL,70nS,5V,10%,PLASTIC,0to+70C,100uA,CMOS,TR | |
| CIS | BN46-00014E | S/W MICOM | ES15EO | SNA |
| - | BN97-00123A | ASSY SMD | ES15EO | SNA |
| BD11 | 3301-001236 | CORE-FERRITE BEAD | AB,60ohm,1.6x0.8x0.8mm,200mA,TP,H,0.7ohm | |
| BD12 | 3301-001236 | CORE-FERRITE BEAD | AB,60ohm,1.6x0.8x0.8mm,200mA,TP,H,0.7ohm | |
| BD13 | 3301-001236 | CORE-FERRITE BEAD | AB,60ohm,1.6x0.8x0.8mm,200mA,TP,H,0.7ohm | |
| BD14 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD21 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD210 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD211 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD212 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD213 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD214 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD215 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD216 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD217 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD218 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD22 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD223 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD224 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD225 | 2703-000271 | INDUCTOR-SMD | 4.7uH,10%,2x1.25x1.25mm | |
| BD226 | 2703-000271 | INDUCTOR-SMD | 4.7uH,10%,2x1.25x1.25mm | |
| BD227 | 2703-000271 | INDUCTOR-SMD | 4.7uH,10%,2x1.25x1.25mm | |
| BD228 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD229 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |
| BD23 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD230 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |
| BD231 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |
| BD232 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD233 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| BD24 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD25 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD26 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD27 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD28 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD29 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD41 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD42 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD43 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD44 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD51 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| BD52 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| C11 | 2402-001081 | C-AL,SMD | 100uF,20%,25V,WT,TP,8.3x8.3x10 | |
| C110 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C112 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C113 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C114 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C119 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C12 | 2402-001081 | C-AL,SMD | 100uF,20%,25V,WT,TP,8.3x8.3x10 | |
| C120 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C121 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C122 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C123 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C125 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C126 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C127 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C13 | 2402-001081 | C-AL,SMD | 100uF,20%,25V,WT,TP,8.3x8.3x10 | |
| C131 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C132 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C133 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C134 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C135 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C136 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C137 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C138 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C139 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C14 | 2402-001044 | C-AL,SMD | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM | |
| C140 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C141 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C142 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C143 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C144 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C145 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C146 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C147 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C148 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C15 | 2402-001044 | C-AL,SMD | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM | |
| C150 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C154 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C155 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C156 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C157 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C158 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C159 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C160 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C162 | 2203-001155 | C-CERAMIC,CHIP | 0.068nF,5%,50V,NP0,TP,1608 | |
| C163 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C17 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C18 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C19 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C21 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C210 | 2203-001417 | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608 | |
| C211 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C212 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C213 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C214 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C215 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C216 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C217 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C218 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C219 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C22 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C220 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C221 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C222 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C223 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C224 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C225 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C226 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C227 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C228 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C229 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C23 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C230 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C231 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C232 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C233 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C234 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C24 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C25 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C26 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C27 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C28 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C29 | 2203-001417 | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608 | |
| C31 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C314 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C315 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C317 | 2402-000108 | C-AL,SMD | 10uF,20%,16V,WT,TP,4.3x4.3x5.4 | |
| C318 | 2402-000179 | C-AL,SMD | 47uF,20%,16V,GP,TP,6.6x6.6x5.4 | |
| C319 | 2402-000179 | C-AL,SMD | 47uF,20%,16V,GP,TP,6.6x6.6x5.4 | |
| C32 | 2203-000697 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 | |
| C3246 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C329 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C33 | 2203-000697 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 | |
| C330 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C3300 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C331 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C332 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C333 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C334 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C335 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C336 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C337 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C338 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C339 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C3390 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C34 | 2203-000697 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 | |
| C340 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C341 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C342 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C343 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C344 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C345 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C346 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C347 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C348 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C349 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C35 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C350 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C351 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C352 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C353 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C354 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C355 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C3552 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C356 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C357 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C358 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C359 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C36 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C360 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C361 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C362 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C363 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C365 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C366 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C367 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C368 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C3688 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C369 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C37 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C370 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C373 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C374 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C375 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C376 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C3782 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C384 | 2203-000384 | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608 | |
| C3890 | 2402-000144 | C-AL,SMD | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. | |
| C39 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C410 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C411 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C412 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C413 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C414 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C415 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C416 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C417 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C418 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C419 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C420 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C427 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C428 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C43 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C432 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C433 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C434 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C437 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C438 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C439 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C44 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C443 | 2203-000384 | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608 | |
| C444 | 2203-000384 | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608 | |
| C445 | 2203-000626 | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608 | |
| C446 | 2203-000626 | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608 | |
| C4482 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C45 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C450 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C451 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C452 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C46 | 2402-000135 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | |
| C47 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C48 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C4845 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C49 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C51 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C510 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C511 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C512 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C513 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C514 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C515 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C516 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C517 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C518 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C519 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C52 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C520 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C521 | 2402-000170 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | |
| C522 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C523 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5239 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C524 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5244 | 2402-000144 | C-AL,SMD | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. | |
| C5247 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C5248 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C5249 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C525 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C5250 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C5251 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5252 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5253 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5254 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5255 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5256 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5257 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5258 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5259 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C526 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C5260 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5261 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5262 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5263 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5264 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5265 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5266 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |

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|---|---|---|---|---|
| C5267 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C5268 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C5269 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C527 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5270 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C5271 | 2203-002793 | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012 | |
| C5272 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C5273 | 2402-000179 | C-AL,SMD | 47uF,20%,16V,GP,TP,6.6x6.6x5.4 | |
| C5278 | 2203-005005 | C-CERAMIC,CHIP | 100nF,10%,16V,X7R,TP,1608 | |
| C528 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C529 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C53 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C530 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C531 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C532 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C533 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C534 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C535 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C536 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C537 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C538 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C539 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C54 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C540 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C541 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C542 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C543 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C544 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C545 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C546 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C547 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C548 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C549 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C55 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C550 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C551 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C552 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C553 | 2203-001656 | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | |
| C554 | 2203-001656 | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | |
| C555 | 2203-001656 | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | |
| C556 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C557 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C558 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C559 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C56 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C560 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C561 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C562 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C563 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C564 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C565 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C566 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C567 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C568 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C569 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C57 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C570 | 2203-001607 | C-CERAMIC,CHIP | 0.22nF,5%,50V,NP0,TP,1608 | |
| C571 | 2203-000701 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012 | |
| C572 | 2203-000701 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012 | |

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| C573 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C574 | 2203-000716 | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,2012,- | |
| C575 | 2203-000716 | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,2012,- | |
| C576 | 2203-002793 | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012 | |
| C58 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C59 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C61 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C611 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C612 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C613 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C614 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C615 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C616 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C617 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C618 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C619 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C62 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C620 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C621 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C622 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C63 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C635 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C637 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C638 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C639 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C640 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C65 | 2402-000135 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | |
| C67 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C68 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C777 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C782 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| CA311 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA312 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA313 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA314 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA315 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA330 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CIS | 0202-001162 | SOLDER-CREAM | RMA-20-21L,S63,-,SN63/PB36.6/AG0.4,FLUX9.5% | SNA |
| CN13 | 3711-002046 | CONNECTOR-HEADER | 3WALL,12P,1R,1.25mm,SMD-S,SN | SNA |
| CN21 | 3711-002127 | CONNECTOR-HEADER | BOX,8P,1R,1.25mm,SMD-A,SN | SNA |
| CN22 | 3711-002049 | CONNECTOR-HEADER | BOX,6P,1R,1.25mm,SMD-A,SN | SNA |
| CN23 | 3711-002049 | CONNECTOR-HEADER | BOX,6P,1R,1.25mm,SMD-A,SN | SNA |
| CN26 | 3711-000556 | CONNECTOR-HEADER | BOX,12P,1R,1.25mm,SMD-A,SN | SNA |
| CN61 | 3711-003161 | CONNECTOR-HEADER | BOX,20P,1R,1.25mm,ANGLE,SN | |
| D11 | 0402-000553 | DIODE-RECTIFIER | SS24,40V,2.0A,DO-214AA | |
| D12 | 0402-000553 | DIODE-RECTIFIER | SS24,40V,2.0A,DO-214AA | |
| D14 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D15 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| D16 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| D17 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| D18 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D210 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D211 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D235 | 0403-000277 | DIODE-ZENER | MMBZ5226B,3.3V,5%,225mW,SOT-23 | |
| D237 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D238 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D239 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D240 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D241 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |

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| D242 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |
| D243 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |
| D244 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D29 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D51 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D55 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |
| DB21 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| FT11 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT12 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT13 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT14 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT31 | 2901-001133 | FILTER-EMI SMD | 25V,0.15A,-,33pF,2x1.25x0.8mm,TP | |
| FT32 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT51 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT52 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT61 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT62 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT63 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT64 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT67 | 2901-001114 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | |
| IC109 | 1203-002410 | IC-POSI.ADJUST REG. | KA317MR,D-PAK,3P,240MIL,PLASTIC,40V,-,0TO+125C,0.5A,1.2/1.3V,TP | |
| IC11 | 1203-001448 | IC-SWITCH VOL. REG. | 2596,TO-263,5P,-,PLASTIC,4.750 | |
| IC110 | 0803-000117 | IC-TTL | 74F14,INVERTER,SOP,14P,150MIL, | |
| IC111 | 0505-001170 | FET-SILICON | SI9933ADY-T1,P,-20V,3.4A,0.06ohm,2W,SO-8 | |
| IC112 | 0505-001170 | FET-SILICON | SI9933ADY-T1,P,-20V,3.4A,0.06ohm,2W,SO-8 | |
| IC13 | 1203-002454 | IC-VOLTAGE REGULATOR | FAN1117A,TO-252,3P,257MIL,PLASTIC,1.764V/1.836V,-,0TO+125C,1A,1.225/1.275V,TP | |
| IC14 | 1203-001293 | IC-POSI.FIXED REG. | 033,T0-252,3P,6.5MIL,PLASTIC,3 | |
| IC16 | 1203-001447 | IC-POSI.FIXED REG. | 2596,TO-263,5P,-,PLASTIC,3.135 | |
| IC17 | 1203-001465 | IC-POSI.ADJUST REG. | 317,TO-263,3P,-,PLASTIC,1.2/37 | |
| IC18 | 1103-000138 | IC-EEPROM | 24C16,2Kx8BIT,SOP,8P,150MIL,10 | |
| IC19 | 1103-001164 | IC-EEPROM | 24LC21A,128X8BIT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP | |
| IC21 | 1203-001109 | IC-VOL. DETECTOR | 7045,SOT-89,3P,-,PLASTIC,4.3/4 | |
| IC22_SOCK | 3704-000250 | SOCKET-IC | 32P,PLCC,SN,- | |
| IC23 | 0903-001202 | IC-MICROCONTROLLER | 80251G2,8Bit,PLCC,44P,653MIL,24MHz,TR,CMOS,PLASTIC,5V,1.5W,0to+70C,1KBYTE,-,24Bi | SNA |
| IC24 | 0803-000117 | IC-TTL | 74F14,INVERTER,SOP,14P,150MIL, | |
| IC25 | 0801-002268 | IC-CMOS LOGIC | 74VHC139,DECODER,SOP,16P,150MI | |
| IC26 | 0801-000411 | IC-CMOS LOGIC | 74HC32,OR GATE,SOP,14P,150MIL, | |
| IC27 | 0801-000411 | IC-CMOS LOGIC | 74HC32,OR GATE,SOP,14P,150MIL, | |
| IC28 | 0802-001108 | IC-BICMOS LOGIC | 74ABT573,LATCH,TSSOP,20P,173MIL,8,TR,PLASTIC,3-STATE,-,0.55V,-65TO+150C,-,0.8V,5 | |
| IC32 | 1205-002028 | IC-LCD CONTROLLER | JAGASM,BGA,388P,208MIL,PALATIC,3.45V,2.5W,-40TO+125C,TR,DIGITAL DISPLAY PRO. | |
| IC401 | 1204-001997 | IC-DECODER | VSP9415B-B11,MQFP,80P,14X14MM,PLASTIC,3.47V,1.1W,0TO+70C,TR,OPTIMUS | |
| IC403 | 1103-001023 | IC-EEPROM | 524C80D81,1028x8Bit,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,0to+70C,110uA,CMOS,TP | |
| IC51 | 1201-001495 | IC-AUDIO AMP | 7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,- | |
| IC52 | 1203-001816 | IC-POSI.FIXED REG. | 78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP | |
| IC53 | 1204-002007 | IC-SOUND PROCESSOR | MSP3411G-QA-B8,PQFP,80P,20X14MM,PLASTIC,8.7V,1W,0TO+70C,TR,- | |
| IC54 | 1203-001779 | IC-POSI.FIXED REG. | 7812,D2PAK,3P,-,PLASTIC,11.5/12.5V,-,-40TO+125CC,1A,-,TP | |
| IC55 | 1201-001681 | IC-AUDIO AMP | 1101,SOP,30P,433MIL,-,-,PLASTIC,13.2V,-,0to+70C,-,-,-,-,-,TP | |
| IC62 | 1205-001740 | IC-TRANSMITTER | DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS) | |
| IC64 | 1105-001391 | IC-DRAM | EM638325,2MX32BIT,TSOP(II),86P,400MIL,60NS,3.3V,10%,PLASTIC,0TO+70C,3MA,-,TR | |
| L11 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L111 | BN27-00002A | COIL-CHOKE(SMD) | 47uH,47uH,20%,12*12*8mm,22.5Ts,SMD,-,-,0.75ohm,-,-,-,TP | |
| L113 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L114 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L115 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L116 | BN27-20001A | COIL-CHOKE | -,53.0UH,20%,DR10*5,-,-,-,-,0.18ohm,-,-,-,TRAY | |
| L119 | 2703-001070 | INDUCTOR-SMD | 100uH,10%,4.5x3.2x3.2mm | |
| L12 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L13 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L14 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |

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|---|---|---|---|---|
| L15 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L19 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L31 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L32 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L41 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L42 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L51 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L52 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L53 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.08OHM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| L54 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.08OHM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| L55 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.08OHM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| L56 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.08OHM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| MP1.0 | BN41-00185A | PCB MAIN | ES15EO,6L,228X157X1.6,ES15EO | SNA |
| Q11 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q13 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q14 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q15 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q16 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q201 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q21 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q22 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q23 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q24 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q403 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| R1005 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R1006 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1007 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1008 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1009 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1010 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1011 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1012 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1013 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1014 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1015 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1016 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1017 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R1018 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R1019 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R1020 | 2007-000402 | R-CHIP | 150ohm,5%,1/16W,DA,TP,1608 | |
| R1021 | 2007-000402 | R-CHIP | 150ohm,5%,1/16W,DA,TP,1608 | |
| R1022 | 2007-000402 | R-CHIP | 150ohm,5%,1/16W,DA,TP,1608 | |
| R1023 | 2007-000125 | R-CHIP | 3.9Kohm,5%,1/16W,DA,TP,1608 | |
| R11 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R110 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R111 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R112 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R113 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R114 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R115 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R116 | 2007-000092 | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608 | |
| R117 | 2007-000092 | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608 | |
| R118 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R119 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R120 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R121 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R122 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R123 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R124 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |

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|---|---|---|---|---|
| R125 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R126 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R127 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R128 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R13 | 2007-000124 | R-CHIP | 2.2Kohm,5%,1/16W,DA,TP,1608 | |
| R130 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R131 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R132 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R133 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R135 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R137 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R138 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R139 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R140 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R141 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R142 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R143 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R1431 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R144 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R145 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R146 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R147 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R148 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R149 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R15 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R150 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R151 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R16 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R17 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R18 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R19 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R209 | 2007-001134 | R-CHIP | 68ohm,5%,1/16W,DA,TP,1608 | |
| R21 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R210 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R211 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R212 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R215 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R216 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R217 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R218 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R219 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R22 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R220 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R221 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R222 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R224 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R225 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R226 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R227 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R228 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R229 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R23 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R234 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R235 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R236 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R237 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R238 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R239 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R24 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |

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|---|---|---|---|---|
| R240 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R241 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R242 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R243 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R244 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R245 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R246 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R247 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R248 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R249 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R25 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R250 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R251 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R252 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R253 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R254 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R255 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R2550 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R2551 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R2552 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2553 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2554 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2555 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2556 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R2557 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R2558 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R256 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R257 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R2570 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R258 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R2584 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R26 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R2635 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R27 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R28 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R29 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R31 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R310 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R311 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R313 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R314 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R315 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R32 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R321 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R322 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R323 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R324 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R325 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R326 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R327 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R328 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R329 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R33 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R330 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R331 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R332 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R333 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R334 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R335 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |

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|---|---|---|---|---|
| R336 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R337 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R338 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R339 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R34 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R340 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R341 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R342 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R343 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R344 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R345 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R346 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R347 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R348 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R35 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R353 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R354 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R355 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R356 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R357 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R358 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R359 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R36 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R360 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R361 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R362 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R363 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R364 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R365 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R366 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R367 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R368 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R369 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R37 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R371 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R372 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R373 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R374 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R38 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R384 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R39 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R41 | 2007-000092 | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608 | |
| R410 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R411 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R412 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R414 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R415 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R416 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R417 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R418 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R419 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R420 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R421 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R433 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R434 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R436 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R441 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R442 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R443 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R444 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R446 | 2007-000094 | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608 | |
| R4532 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R4535 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4536 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4538 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4539 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4540 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4541 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4542 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4543 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R4544 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R4545 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R4546 | 2007-000857 | R-CHIP | 4.3Kohm,1%,1/16W,DA,TP,1608 | |
| R4548 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4549 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4550 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4551 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4552 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4553 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4555 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4556 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4557 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4558 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4559 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4560 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4561 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4563 | 2007-000616 | R-CHIP | 24Kohm,5%,1/16W,DA,TP,1608 | |
| R4564 | 2007-000080 | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608 | |
| R4565 | 2007-000080 | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608 | |
| R4566 | 2007-000080 | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608 | |
| R4567 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |
| R4568 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |
| R4569 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4570 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4571 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4572 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4573 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4574 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4575 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4576 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4577 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4578 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4579 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4580 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4581 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4582 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4583 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4584 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4585 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4588 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4589 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R459 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4598 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4599 | 2007-000121 | R-CHIP | 820ohm,5%,1/16W,DA,TP,1608 | |
| R46 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R464 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R467 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R468 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |

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| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R469 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R47 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R470 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R471 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R472 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R473 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R474 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R475 | 2007-001044 | R-CHIP | 56ohm,5%,1/16W,DA,TP,1608 | |
| R48 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R49 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R51 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R510 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R511 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R512 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R513 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R514 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R516 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R517 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R518 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R519 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R52 | 2007-000097 | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608 | |
| R520 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R521 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R522 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R523 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R524 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R525 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R526 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R527 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R528 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R529 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R53 | 2007-000097 | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608 | |
| R530 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R531 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R532 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R533 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R534 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R535 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R536 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R537 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R538 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R539 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R54 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R540 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R541 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R542 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R543 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| R544 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| R545 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |
| R546 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |
| R547 | 2007-000109 | R-CHIP | 1Mohm,5%,1/16W,DA,TP,1608 | |
| R548 | 2007-000981 | R-CHIP | 5.6KOHM,5%,1/10W,DA,TP,2012 | |
| R549 | 2007-000518 | R-CHIP | 2.7KOHM,5%,1/10W,DA,TP,2012 | |
| R55 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R550 | 2007-000087 | R-CHIP | 6.8Kohm,5%,1/16W,DA,TP,1608 | |
| R551 | 2007-000087 | R-CHIP | 6.8Kohm,5%,1/16W,DA,TP,1608 | |
| R552 | 2007-000093 | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608 | |
| R553 | 2007-000093 | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608 | |
| R56 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R57 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R58 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R59 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R611 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R612 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R613 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R614 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R615 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R616 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R617 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R618 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R619 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R620 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R622 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R623 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R624 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R625 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R626 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R632 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R640 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R643 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R837 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R982 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| RA31 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA310 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA311 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA312 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA32 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA33 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA34 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA35 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA36 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA37 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA38 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA39 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| U501 | 2401-002286 | C-AL | 470uF,20%,16V,WT,TP,10x12.5,5 | |
| U502 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| U503 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| U504 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| U506 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| U507 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| U509 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| U510 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| U513 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| U514 | 2203-000552 | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608 | |
| U515 | 2203-000552 | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608 | |
| U516 | 2203-000552 | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608 | |
| U517 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| U518 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| U519 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| X21 | 2801-003667 | CRYSTAL-SMD | 14.3182MHZ,50PPM,28-AAN,16,50OHM,TP | |
| X41 | 2801-004004 | CRYSTAL-SMD | 20.25MHz,20ppm,28-AAN,13pF,25ohm,TP | |
| X51 | 2801-003843 | CRYSTAL-SMD | 18.432MHz,30ppm,28-AAN,20pF,50ohm,TP | |
| X53 | 2801-003773 | CRYSTAL-SMD | 12MHZ,30PPM,28-AAN,20PF,50OHM,TP | |
| ZD21 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |

## 7-1-2 LW15E23CB Others

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| - | BN90-00195E | ASSY STAND | GH17LS | SNA |
| STD+C/R | 6001-000154 | SCREW-MACHINE | BH,+,M4,L8,NI PLT,SWRCH18A,FP,- | |
| CIS | BN75-00242A | UNIT-STAND | EOS 15AS/NS,-,ABS,-,SV-012P,-,SPRAY,- | |
| CIS | 6003-000009 | SCREW-TAPTITE | BH,+,B,M4,L16,ZPC(YEL),SWRCH18 | SNA |
| CIS | 6003-001010 | SCREW-TAPTITE | FH,+,B,M3,L6,ZPC(YEL),SWRCH18A | |
| CIS | 6003-001315 | SCREW-TAPTITE | BH,+,B,M4,L20,ZPC(YEL),SWRCH18A | SNA |
| CIS | BH73-60339A | RUBBER-LEG | SLC1400,EVA,GRAY,65HB,DIA13*H2 | SNA |
| CIS | BN61-00159A | FRAME-STAND BASE | EOS/NIKE,EGI,T1.2 | SNA |
| CIS | BN61-00184A | STAND-BASE | ES15AS,ABS PC,GR40,SV-012P | SNA |
| CIS | BN72-00254A | STAND-COVER REAR | EOS 15,ABS,HB,IV16,SPRAY | SNA |
| CIS | BN72-00257A | STAND FRONT | EOS 15,ABS,HB,16,SPRAY | SNA |
| CIS | BN75-00211A | UNIT-HINGE | EOS15,-,SECC T2.0,-,-,-,-,- | SNA |
| - | BN90-00200A | ASSY COVER FRONT | ES15AS | SNA |
| C/F+C/R | 6003-001319 | SCREW-TAPTITE | BH,+,B,M3,L10,NI PLT,SWRCH18A,- | SNA |
| CIS | BN90-00018F | ASSY COVER FRONT | ES15AS,ABS HB,BRIGHT SILVER,SV-012P PAL | |
| CIS | 6002-000129 | SCREW-TAPPING | FH,+,2S,M3,L8,ZPC(BLK),SM20C | SNA |
| CIS | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| CIS | BN59-00214A | BOARD | CN17VS,FUNCTION KEY,-,-,-,-,- | SNA |
| CIS | BN59-00216A | PBA SUB | CN17VS,IR PBA SUB,-,-,-,-,- | SNA |
| CIS | BN59-00262A | SPEAKER SYSTEM | EOS/NIKE15,EOS/NIKE15-R,100X42,WIRE:530MM | SNA |
| CIS | BN59-00263A | SPEAKER SYSTEM | EOS/NIKE17,EOS/NIKE17-L,100X42,WIRE:240MM | SNA |
| CIS | BN64-00031A | BADGE-BRAND | RB15AS,AL,T1.4,6.3,40.1,-,SILIVER,- | SNA |
| CIS | BN64-00035A | KNOB-FUNCTION | EOS15,ABS,IV16,-,-,HB,SPRAY,-,- | SNA |
| CIS | BN64-00039A | GRILLE-SPEAKER | EOS15,ABS ,T2.7,-,-,HB,IV16,SPRAY | SNA |
| CIS | BN67-00020A | LENS-LED | EOS15,ACRYL,CLEAR,-,-,-,- | |
| CIS | BN72-00258A | COVER FRONT | EOS15,ABS,HB,IV16,SPRAY | SNA |
| - | BN90-00201A | ASSY COVER REAR | ES15AS | SNA |
| CIS | BN75-00238A | UNIT-REAR | EOS 15,-,ABS,-,SV-012P,-,SPRAY,- | |
| CIS | BN70-00176A | BRACKET VESA | RB15AS,SECC,1 | SNA |
| CIS | BN72-00259A | COVER-REAR | EOS15,ABS,IV16,-,-,HB,-,-,SPRAY | SNA |
| - | BN91-00305A | ASSY MISC-ADAPTOR | CS15MOA | SNA |
| CIS | BN44-00058A | ADAPTOR | PSCV420106A(AD-4214N,GH17PS ,100 TO 240 VAC,47 - 63 HZ,+14VDC,3A,-,42W,AC-DC,0 T | |
| - | BN91-00388T | ASSY LCD | EA-ES15EO | SNA |
| CIS | BN07-00053A | LCD | LTM150XH-L06,CZB,6BIT _ FRC,331.6*254.76*12.5,16.19M,-,0.297*0.297,-,-,AMLCD/1 LV | |
| - | BN91-00482A | ASSY CHASSIS | EA-ES15EO | |
| - | BN91-00484A | ASSY SHIELD | EA-ES15EO | SNA |
| CIS | 0203-001160 | TAPE-FILAMENT | SCOTCH#8915,T0.16,W48,L55M,TRP | SNA |
| CIS | 0203-001311 | TAPE-CONDUCTOR | DK-K102-90-50,T0.13,W50,L90,GRAY | SNA |
| SH/PCB+FU/HAR | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| C/F+AUD/PCB | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| C/F+B/GUIDE | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| C/F+SH/PCB | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| CIS | BN39-00202A | LEAD CONNECTOR-ASSY | EOS,UL2835#28,UL/CSA,12P,-,-,#28,SMH200-12,12505HS-12,BK,-,-,200MM,2835#28,SJ01- | |
| CIS | BN59-00330A | BOARD-AV-JACK ASS'Y | EOS PAL,CT5000-0920,AV-JACK BOARD ASS'Y | |
| CIS | BN70-00192A | BRACKET-SUPPORT | RB15AS,SECC,0.8 | SNA |
| - | BN92-00264A | ASSY BOX | ES15AS,-,-,- | SNA |
| CIS | BH75-10529A | UNIT-HANDLE PACKING | LXA410TLMU,PE,-,WHITE,- | SNA |
| CIS | BN72-60001A | LEVER TOP | LSD210TL,PE-LD,WHITE,TFT_LCD | SNA |
| CIS | BN72-60002A | LEVER BOTTOM | LSD210TL,PE-LD,WHITE,TFT-LCD | SNA |
| CIS | BN68-00135A | LABEL BAR CODE | -,ALL,MPRII,DOM,ART-PAPER 90G,-,WHT,BLACK,-,-,- | SNA |
| CIS | BN69-00254B | BOX | LW15E23C,GUJU,CB-SW4,YEL,A-1,-,-,-,L545*W453*H235,- | SNA |

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| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| - | BN92-00267A | ASSY P/MATERIAL | ES17SO | SNA |
| CIS | 0203-001100 | TAPE-OPP MASKING | OPP/W75/CLR,T0.05,W75,L800000,CLR | SNA |
| CIS | BH69-00457B | PACKING-PAD | GH15,FOAM,T3.0,930,1000 | SNA |
| CIS | BH69-30355E | BAG-PE/N | NK15,PE FOAM,0.5,650,650,NTR | SNA |
| CIS | BH69-40321C | PACKING-EDGE | SW4/YEL,2030*140,-,CGC5637(HP) | SNA |
| CIS | BH69-40378A | PACKING-PALLET | WOOD,1300*1120*120,13500,CGE71 | SNA |
| CIS | BH69-40379A | PACKING-WRAP | LDPE,W500*T0.02,-,- | SNA |
| CIS | BN68-00129A | LABEL SHIPPING | -,LABEL SHIPPING,ART-PAPER,100G,-,WHT,BLACK,-,-,- | SNA |
| CIS | BN69-00140T | PAD-PALLET COVER | SUN(LSA810),SW,900,3760,-,-,-,-,- | SNA |
| CIS | BN69-00230A | CUSHION-L/R | EOS15,EPS 50,-,-,-,-,-,-,- | SNA |
| - | BN92-00619E | ASSY LABEL | LW15E23CBX/XEC | SNA |
| CIS | AA68-50502A | LABEL-CONFORMATION | W/P100(G),CTV,ITALY,170x110,BL | SNA |
| CIS | BN68-00233B | LABEL RATING | ES15AS,EDC,PE,T0.05,90,45,SYNC,-,PE NATURE,-,- | SNA |
| - | BN92-00626A | ASSY ACCESSORY | LW15E23CBX/XEC,SESA,SPAIN | SNA |
| CIS | BN96-00205A | ASSY ACCESSORY | LW15E23CBX/XEC,SESA,SPAIN | |
| CIS | 0203-000214 | TAPE-OPP MASKING | OPP/W50/CLR,T0.05,W50,L400000, | SNA |
| CIS | 4301-000121 | BATTERY-MN | 1.5V,-,AAA,10.5x44.5m,HOLDER | SNA |
| CIS | 6801-001009 | CARD-WARRANTY | EUROPE(12),8 | SNA |
| CIS | 6801-001014 | CARD-REGISTRATION | XEU,ENG,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001015 | CARD-REGISTRATION | XEG,GERMAN,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001016 | CARD-REGISTRATION | XEF,FRENCH,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001017 | CARD-REGISTRATION | XEC,SPANISH,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001019 | CARD-REGISTRATION | XEN,DUTCH,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001020 | CARD-REGISTRATION | XEP,PORTUGAL,MOJO100,L150,W392,-,- | SNA |
| CIS | BH39-10339H | CBF POWER CORD | DET,H05VV-F,250V/10,16A,BLK,25 | |
| CIS | BH69-30348D | BAG-PE | LDPE,T0.05,W240*L356,Y,-,CMG73 | SNA |
| CIS | BN39-00043A | CBF SIGNAL | DETACHABLE,-,15P/15P,-,-,- | |
| CIS | BN59-00225C | REMOCON | ,TM71,EOS,40,PAL,TTX | |
| CIS | BN68-00266C | MANUAL-S/D | LW15E23C,LW17E24C,SAMSUNG,E/F/S/G/P/I/R,EDC,W/P(100G) | |
| - | EW-LW15E23CBX/XEC | 2 | LTM150XH-L06 | - |

## 7-2-1 LW17E24CB Main PCB Parts

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| - | BN94-00334A | ASSY PCB MAIN | ES17EO | SNA |
| C115 | 2401-002286 | C-AL | 470uF,20%,16V,WT,TP,10x12.5,5 | |
| C116 | 2401-002286 | C-AL | 470uF,20%,16V,WT,TP,10x12.5,5 | |
| CIS | BN39-00047A | CBF-HARNESS | 100MM,100MM,BLU/WHT/GRY,UL1061,AWG28,51021-1200 | |
| CIS | BN39-00134A | CBF HARNESS | RB17AS,UL1571#30,UL/CSA,30P/30P,240MM,BLUE/WHITE,#30,FI-X30X,DF14-30S-1.25C,1250 | |
| CIS | BN39-00217A | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,6P,-,-,#28,12505HS-06,51021-0600,BK,-,-,180MM,2835#28,SJ | |
| CIS | BN44-00041A | INVERTER | ML17,SIC1803,48KHz,14VDC,1.5mArms,7.2mArms,48Khz,160*45*17,4LAMP,48Khz,-,- | |
| CIS | BN63-00059A | GASKET | GH17MS,CONDUCTIVE FABRIC,5MM,160MM,17MM,-,-,EMI-GASKET | SNA |
| CIS | BN63-00121A | GASKET | EOS,CONDUCTIVE FABRIC,4MM,30MM,80MM,GRAY,71TSSK 30-4-80-13,71TSSK 30-4-80-13 | SNA |
| CIS | BN75-00234A | UNIT-SHIELD PCB | EOS 17,-,SECC,T0.8,-,-,-,- | SNA |
| CN11 | 3701-001219 | CONNECTOR-DSUB | 15P,3R,FEMALE,ANGLE,AUF | |
| CN12 | 3722-000117 | JACK-DC POWER | 3P,3.5MM,AG,BLK,NO | SNA |
| CN41 | 3722-000183 | JACK-SCART | 21P,4mm,SN,BLK,NO | |
| CN51 | 3722-001055 | JACK-PHONE | 5P/2C,3.6PI,AG,BLK,#16-22 | |
| CN52 | 3711-004386 | CONNECTOR-HEADER | BOX,3P,1R,2mm,ANGLE,SN | SNA |
| CN53 | 3711-004270 | CONNECTOR-HEADER | BOX,2P,1R,2MM,ANGLE,SN | SNA |
| IC404 | 1204-001904 | IC-PAL DECODER | SAA5264PS,SDIP,52P,600MIL,PLASTIC,3.6V,-,-20TO+70C,ST,IC-DECODER | |
| IN/PCB+SH/PCB | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| L45 | 2701-000114 | INDUCTOR-AXIAL | 10uH,10%,2.5x3.4mm | |
| L46 | 2701-000114 | INDUCTOR-AXIAL | 10uH,10%,2.5x3.4mm | |
| L47 | 2701-000146 | INDUCTOR-AXIAL | 2.2uH,10%,2.5x3.4mm | |
| M/PCB+SH/PCB | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| SH/PCB+SH/D_SUB | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| U512 | BN40-00005A | RF MODULATOR-PAL | TCPQ9091PD27D,PAL,-,-,-,5V,-10TO+65C,50DB,55DB | |
| CIS | BN90-00030B | ASSY SHIELD-D-SUB | ES17AS,PAL,SPTE,T0.5,-,-,-,- | SNA |
| - | BN97-00115J | ASSY MICOM | ES17EO | |
| IC22 | 1102-001108 | IC-EPROM | 27C020,256Kx8Bit,PLCC,32P,495MIL,70nS,5V,10%,PLASTIC,0to+70C,100uA,CMOS,TR | |
| CIS | BN46-00014F | S/W MICOM | ES17EO | SNA |
| - | BN97-00124A | ASSY SMD | ES17EO | SNA |
| BD11 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| BD12 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| BD13 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| BD14 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD21 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD210 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD211 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD212 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD213 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD214 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD215 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD216 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD217 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD218 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD22 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD223 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD224 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD225 | 2703-000271 | INDUCTOR-SMD | 4.7uH,10%,2x1.25x1.25mm | |
| BD226 | 2703-000271 | INDUCTOR-SMD | 4.7uH,10%,2x1.25x1.25mm | |
| BD227 | 2703-000271 | INDUCTOR-SMD | 4.7uH,10%,2x1.25x1.25mm | |
| BD228 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD229 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |
| BD23 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD230 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |
| BD231 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |
| BD232 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| BD233 | 2703-000442 | INDUCTOR-SMD | 10UH,10%,2X1.25X1.25MM | |
| BD24 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD25 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD26 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD27 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD28 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD29 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD41 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD42 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD43 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD44 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| BD51 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| BD52 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| C11 | 2402-001081 | C-AL,SMD | 100uF,20%,25V,WT,TP,8.3x8.3x10 | |
| C110 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C111 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C112 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C113 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C114 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C119 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C12 | 2402-001081 | C-AL,SMD | 100uF,20%,25V,WT,TP,8.3x8.3x10 | |
| C120 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C121 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C122 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C123 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C124 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C125 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C126 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C127 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C13 | 2402-001081 | C-AL,SMD | 100uF,20%,25V,WT,TP,8.3x8.3x10 | |
| C131 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C132 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C133 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C134 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C135 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C136 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C137 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C138 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C139 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C14 | 2402-001044 | C-AL,SMD | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM | |
| C140 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C141 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C142 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C143 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C144 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C145 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C146 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C147 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C148 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C15 | 2402-001044 | C-AL,SMD | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM | |
| C150 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C152 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C153 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C154 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C155 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C156 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C157 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C158 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C159 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C160 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C162 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C163 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C17 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C18 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C19 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C21 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C210 | 2203-001417 | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608 | |
| C211 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C212 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C213 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C214 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C215 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C216 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C217 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C218 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C219 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C22 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C220 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C221 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C222 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C223 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C224 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C225 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C226 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C227 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C228 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C229 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C23 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C230 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C231 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C232 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C233 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C234 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C24 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C25 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C26 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C27 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C28 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C29 | 2203-001417 | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608 | |
| C31 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C314 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C315 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C317 | 2402-000108 | C-AL,SMD | 10uF,20%,16V,WT,TP,4.3x4.3x5.4 | |
| C318 | 2402-000179 | C-AL,SMD | 47uF,20%,16V,GP,TP,6.6x6.6x5.4 | |
| C319 | 2402-000179 | C-AL,SMD | 47uF,20%,16V,GP,TP,6.6x6.6x5.4 | |
| C32 | 2203-000697 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 | |
| C3246 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C329 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C33 | 2203-000697 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 | |
| C330 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C3300 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C331 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C332 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C333 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C334 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C335 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |

| Loc. No. | Code No. | Description | Specification | Remarks |
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| C336 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C337 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C338 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C339 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C3390 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C34 | 2203-000697 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 | |
| C340 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C341 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C342 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C343 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C344 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C345 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C346 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C347 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C348 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C349 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C35 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C350 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C351 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C352 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C353 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C354 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C355 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C3552 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C356 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C357 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C358 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C359 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C36 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C360 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C361 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C362 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C363 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C365 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C366 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C367 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C368 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C3688 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C369 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C37 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C370 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C373 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C374 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C375 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C376 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C3782 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C384 | 2203-000384 | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608 | |
| C3890 | 2402-000144 | C-AL,SMD | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. | |
| C39 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C410 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C411 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C412 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C413 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C414 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C415 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C416 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C417 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C418 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| C419 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C420 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C427 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C428 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C43 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C432 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C433 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C434 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C437 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C438 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C439 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C44 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C443 | 2203-000384 | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608 | |
| C444 | 2203-000384 | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608 | |
| C445 | 2203-000626 | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608 | |
| C446 | 2203-000626 | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608 | |
| C4482 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C45 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C450 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C451 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C452 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C46 | 2402-000135 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | |
| C47 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C48 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C4845 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C49 | 2203-005065 | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 | |
| C51 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C510 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C511 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C512 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C513 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C514 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C515 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C516 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C517 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C518 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C519 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C52 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C520 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C521 | 2402-000170 | C-AL,SMD | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, | |
| C522 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C523 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5239 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C524 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5244 | 2402-000144 | C-AL,SMD | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. | |
| C5247 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C5248 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C5249 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C525 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C5250 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C5251 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5252 | 2203-001077 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012 | |
| C5253 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5254 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5255 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5256 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5257 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5258 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |

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|---|---|---|---|---|
| C5259 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C526 | 2203-000903 | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 | |
| C5260 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5261 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5262 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5263 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5264 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5265 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C5266 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C5267 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C5268 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C5269 | 2203-000784 | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012 | |
| C527 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C5270 | 2203-000257 | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608 | |
| C5271 | 2203-002793 | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012 | |
| C5272 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| C5273 | 2402-000179 | C-AL,SMD | 47uF,20%,16V,GP,TP,6.6x6.6x5.4 | |
| C5278 | 2203-005005 | C-CERAMIC,CHIP | 100nF,10%,16V,X7R,TP,1608 | |
| C528 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C529 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C53 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C530 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C531 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C532 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C533 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C534 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C535 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C536 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C537 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C538 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C539 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C54 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C540 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C541 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C542 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C543 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C544 | 2203-000140 | C-CERAMIC,CHIP | 1.5nF,10%,50V,X7R,TP,1608,- | |
| C545 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C546 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C547 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C548 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C549 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C55 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C550 | 2203-000236 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608 | |
| C551 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C552 | 2402-001157 | C-AL,SMD | 0.33UF,20%,50V,GP,TP,4X5.2MM | |
| C553 | 2203-001656 | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | |
| C554 | 2203-001656 | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | |
| C555 | 2203-001656 | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608 | |
| C556 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C557 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C558 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C559 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C56 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C560 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C561 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C562 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C563 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |

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| C564 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C565 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C566 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C567 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C568 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C569 | 2203-001391 | C-CERAMIC,CHIP | 150nF,10%,25V,X7R,TP,2012,- | |
| C57 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C570 | 2203-001607 | C-CERAMIC,CHIP | 0.22nF,5%,50V,NP0,TP,1608 | |
| C571 | 2203-000701 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012 | |
| C572 | 2203-000701 | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012 | |
| C573 | 2203-000972 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608 | |
| C574 | 2203-000716 | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,2012,- | |
| C575 | 2203-000716 | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,2012,- | |
| C576 | 2203-002793 | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012 | |
| C58 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C59 | 2402-001086 | C-AL,SMD | 100UF,20%,16V,WT,TP,6.6X6.6X5.3 | |
| C61 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C610 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C611 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C612 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C613 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C614 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C615 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C616 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C617 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C618 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C619 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C62 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C620 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C621 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C622 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C63 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C635 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C637 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C638 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C639 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C64 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| C640 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| C65 | 2402-000135 | C-AL,SMD | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 | |
| C67 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C68 | 2203-000189 | C-CERAMIC,CHIP | 100nF,+80-20%,25V,Y5V,TP,1608, | |
| C777 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| C782 | 2402-001006 | C-AL,SMD | 4.7uF,20%,25V,GP,TP,3.6x6.3x3. | |
| CA31 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA311 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA312 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA313 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA314 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA315 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA32 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA33 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA330 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA34 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA35 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CA36 | 2503-001018 | C-NETWORK | 15PFX4,10%,50V,- | |
| CN13 | 3711-002046 | CONNECTOR-HEADER | 3WALL,12P,1R,1.25mm,SMD-S,SN | SNA |
| CN21 | 3711-002127 | CONNECTOR-HEADER | BOX,8P,1R,1.25mm,SMD-A,SN | SNA |
| CN22 | 3711-002049 | CONNECTOR-HEADER | BOX,6P,1R,1.25mm,SMD-A,SN | SNA |

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| CN23 | 3711-002049 | CONNECTOR-HEADER | BOX,6P,1R,1.25mm,SMD-A,SN | SNA |
| CN26 | 3711-000556 | CONNECTOR-HEADER | BOX,12P,1R,1.25mm,SMD-A,SN | SNA |
| CN62 | 3711-004070 | CONNECTOR-HEADER | BOX,30P,1R,1.25mm,SMD-A,SN | SNA |
| D11 | 0402-000553 | DIODE-RECTIFIER | SS24,40V,2.0A,DO-214AA | |
| D12 | 0402-000553 | DIODE-RECTIFIER | SS24,40V,2.0A,DO-214AA | |
| D14 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D15 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| D16 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| D17 | 0401-001056 | DIODE-SWITCHING | MMBD4148SE,75V,200MA,SOT-23,TP | |
| D18 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D210 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D211 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D235 | 0403-000277 | DIODE-ZENER | MMBZ5226B,3.3V,5%,225mW,SOT-23 | |
| D237 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D238 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D239 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D240 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D241 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |
| D242 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |
| D243 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |
| D244 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D29 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |
| D51 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| D55 | 0403-001052 | DIODE-ZENER | RD8.2MB,8.2V,7.7-8.64V,200mW,S | |
| DB21 | 3301-001163 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm | |
| FT11 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT12 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT13 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT14 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT31 | 2901-001242 | FILTER-EMI FEED THRU | 25V,0.1A,-,150PF,2.0X1.25X0.8MM,TP | |
| FT32 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT51 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT52 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT61 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT62 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT63 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT66 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| FT67 | 2901-001114 | FILTER-EMI SMD | 25VDC,2.0ADC,-,100nF,3.2x1.6x1 | |
| IC109 | 1203-002410 | IC-POSI.ADJUST REG. | KA317MR,D-PAK,3P,240MIL,PLASTIC,40V,-,0TO+125C,0.5A,1.2/1.3V,TP | |
| IC11 | 1203-001448 | IC-SWITCH VOL. REG. | 2596,TO-263,5P,-,PLASTIC,4.750 | |
| IC110 | 0803-000117 | IC-TTL | 74F14,INVERTER,SOP,14P,150MIL, | |
| IC111 | 0505-001170 | FET-SILICON | SI9933ADY-T1,P,-20V,3.4A,0.06ohm,2W,SO-8 | |
| IC112 | 0505-001170 | FET-SILICON | SI9933ADY-T1,P,-20V,3.4A,0.06ohm,2W,SO-8 | |
| IC13 | 1203-002454 | IC-VOLTAGE REGULATOR | FAN1117A,T0-252,3P,257MIL,PLASTIC,1.764V/1.836V,-,0TO+125C,1A,1.225/1.275V,TP | |
| IC14 | 1203-001293 | IC-POSI.FIXED REG. | 033,T0-252,3P,6.5MIL,PLASTIC,3 | |
| IC15 | 1203-001293 | IC-POSI.FIXED REG. | 033,T0-252,3P,6.5MIL,PLASTIC,3 | |
| IC16 | 1203-001448 | IC-SWITCH VOL. REG. | 2596,TO-263,5P,-,PLASTIC,4.750 | |
| IC17 | 1203-001465 | IC-POSI.ADJUST REG. | 317,TO-263,3P,-,PLASTIC,1.2/37 | |
| IC18 | 1103-000138 | IC-EEPROM | 24C16,2Kx8BIT,SOP,8P,150MIL,10 | |
| IC19 | 1103-001164 | IC-EEPROM | 24LC21A,128X8BIT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP | |
| IC21 | 1203-001109 | IC-VOL. DETECTOR | 7045,SOT-89,3P,-,PLASTIC,4.3/4 | |
| IC22_SOCK | 3704-000250 | SOCKET-IC | 32P,PLCC,SN,- | |
| IC23 | 0903-001202 | IC-MICROCONTROLLER | 80251G2,8Bit,PLCC,44P,653MIL,24MHz,TR,CMOS,PLASTIC,5V,1.5W,0to+70C,1KBYTE,-,24Bi | SNA |
| IC24 | 0803-000117 | IC-TTL | 74F14,INVERTER,SOP,14P,150MIL, | |
| IC25 | 0801-002268 | IC-CMOS LOGIC | 74VHC139,DECODER,SOP,16P,150MI | |
| IC26 | 0801-000411 | IC-CMOS LOGIC | 74HC32,OR GATE,SOP,14P,150MIL, | |
| IC27 | 0801-000411 | IC-CMOS LOGIC | 74HC32,OR GATE,SOP,14P,150MIL, | |
| IC28 | 0802-001108 | IC-BICMOS LOGIC | 74ABT573,LATCH,TSSOP,20P,173MIL,8,TR,PLASTIC,3-STATE,-,0.55V,-65TO+150C,-,0.8V,5 | |

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| IC32 | 1205-002028 | IC-LCD CONTROLLER | JAGASM,BGA,388P,208MIL,PALATIC,3.45V,2.5W,-40TO+125C,TR,DIGITAL DISPLAY PRO. | |
| IC401 | 1204-001997 | IC-DECODER | VSP9415B-B11,MQFP,80P,14X14MM,PLASTIC,3.47V,1.1W,0TO+70C,TR,OPTIMUS | |
| IC403 | 1103-001023 | IC-EEPROM | 524C80D81,1028x8Bit,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,0to+70C,110uA,CMOS,TP | |
| IC51 | 1201-001495 | IC-AUDIO AMP | 7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,- | |
| IC52 | 1203-001816 | IC-POSI.FIXED REG. | 78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP | |
| IC53 | 1204-002007 | IC-SOUND PROCESSOR | MSP3411G-QA-B8,PQFP,80P,20X14MM,PLASTIC,8.7V,1W,0TO+70C,TR,- | |
| IC54 | 1203-001779 | IC-POSI.FIXED REG. | 7812,D2PAK,3P,-,PLASTIC,11.5/12.5V,-,-40TO+125CC,1A,-,TP | |
| IC55 | 1201-001681 | IC-AUDIO AMP | 1101,SOP,30P,433MIL,-,-,PLASTIC,13.2V,-,0to+70C,-,-,-,-,-,TP | |
| IC61 | 1205-001740 | IC-TRANSMITTER | DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS) | |
| IC62 | 1205-001740 | IC-TRANSMITTER | DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS) | |
| IC64 | 1105-001391 | IC-DRAM | EM638325,2MX32BIT,TSOP(II),86P,400MIL,60NS,3.3V,10%,PLASTIC,0TO+70C,3MA,-,TR | |
| L110 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L111 | BN27-00002A | COIL-CHOKE(SMD) | 47uH,47uH,20%,12*12*8mm,22.5Ts,SMD,-,-,0.75ohm,-,-,-,TP | |
| L113 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L114 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L115 | 2703-001334 | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm | |
| L116 | BN27-20001A | COIL-CHOKE | -,53.0UH,20%,DR10*5,-,-,-,-,0.18ohm,-,-,-,TRAY | |
| L119 | 2703-001070 | INDUCTOR-SMD | 100uH,10%,4.5x3.2x3.2mm | |
| L12 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L13 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L14 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L16 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L17 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L18 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| L31 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L32 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L41 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L42 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L51 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L52 | 2703-001778 | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM | |
| L53 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| L54 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| L55 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| L56 | BN27-00007A | COIL CHOKE-SMD | DHB0504-100,RB15/17NS,10UH,°æ10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,- | |
| MP1.0 | BN41-00185A | PCB MAIN | ES15EO,6L,228X157X1.6,ES15EO | SNA |
| Q11 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q13 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q14 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q15 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q16 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q201 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q21 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q22 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q23 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q24 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| Q403 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| R1005 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R1006 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1007 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1008 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1009 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1010 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1011 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1012 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1013 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R1014 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1015 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R1016 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R1017 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R1018 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R1019 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R1020 | 2007-000402 | R-CHIP | 150ohm,5%,1/16W,DA,TP,1608 | |
| R1021 | 2007-000402 | R-CHIP | 150ohm,5%,1/16W,DA,TP,1608 | |
| R1022 | 2007-000402 | R-CHIP | 150ohm,5%,1/16W,DA,TP,1608 | |
| R1023 | 2007-000125 | R-CHIP | 3.9Kohm,5%,1/16W,DA,TP,1608 | |
| R11 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R110 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R111 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R112 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R113 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R114 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R115 | 2007-000132 | R-CHIP | 180Kohm,5%,1/16W,DA,TP,1608 | |
| R116 | 2007-000092 | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608 | |
| R117 | 2007-000092 | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608 | |
| R118 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R119 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R120 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R121 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R122 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R123 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R124 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R125 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R126 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R127 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R128 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R13 | 2007-000124 | R-CHIP | 2.2Kohm,5%,1/16W,DA,TP,1608 | |
| R130 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R131 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R132 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R133 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R135 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R137 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R138 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R139 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R140 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R141 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R142 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R143 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R1431 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R144 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R145 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R146 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R147 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R148 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R149 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R15 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R150 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R151 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R16 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R17 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R18 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R19 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R209 | 2007-001134 | R-CHIP | 68ohm,5%,1/16W,DA,TP,1608 | |
| R21 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R210 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R211 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R212 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R215 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R216 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R217 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R218 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R219 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R22 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R220 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R221 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R222 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R224 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R225 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R226 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R227 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R228 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R229 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R23 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R234 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R235 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R236 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R237 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R238 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R239 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R24 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R240 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R241 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R242 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R243 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R244 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R245 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R246 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R247 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R248 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R249 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R25 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R250 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R251 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R252 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R253 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R254 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R255 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R2550 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R2551 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R2552 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2553 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2554 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2555 | 2007-000075 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608 | |
| R2556 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R2557 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R2558 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R256 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R257 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R2570 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R258 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R2584 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R26 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R2635 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R27 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R28 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R29 | 2007-000077 | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608 | |
| R31 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R310 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R311 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R313 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R314 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R315 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R32 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R321 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R322 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R323 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R324 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R325 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R326 | 2007-000309 | R-CHIP | 10ohm,5%,1/16W,DA,TP,1608 | |
| R327 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R328 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R329 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R33 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R330 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R331 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R332 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R333 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R334 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R335 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R336 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R337 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R338 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R339 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R34 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R340 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R341 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R342 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R343 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R344 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R345 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R346 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R347 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R348 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R35 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R353 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R354 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R355 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R356 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R357 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R358 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R359 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R36 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R360 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R361 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R362 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R363 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R364 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R365 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R366 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R367 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R368 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |
| R369 | 2007-000071 | R-CHIP | 22ohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R37 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R371 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R372 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R373 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R374 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R38 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R384 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R39 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R41 | 2007-000092 | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608 | |
| R410 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R411 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R412 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R414 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R415 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R416 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R417 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R418 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R419 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R420 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R421 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R433 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R434 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R436 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R441 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R442 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R443 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R444 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R446 | 2007-000094 | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608 | |
| R4532 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R4535 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4536 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4538 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4539 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4540 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4541 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4542 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4543 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R4544 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R4545 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R4546 | 2007-000857 | R-CHIP | 4.3Kohm,1%,1/16W,DA,TP,1608 | |
| R4548 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4549 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4550 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4551 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4552 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4553 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4555 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4556 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4557 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4558 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4559 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4560 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4561 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4563 | 2007-000616 | R-CHIP | 24Kohm,5%,1/16W,DA,TP,1608 | |
| R4564 | 2007-000080 | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608 | |
| R4565 | 2007-000080 | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608 | |
| R4566 | 2007-000080 | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608 | |
| R4567 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R4568 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |
| R4569 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4570 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4571 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4572 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R4573 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4574 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4575 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4576 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4577 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R4578 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4579 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4580 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4581 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4582 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4583 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4584 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4585 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4588 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4589 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R459 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R4598 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R4599 | 2007-000121 | R-CHIP | 820ohm,5%,1/16W,DA,TP,1608 | |
| R46 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R464 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R467 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R468 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R469 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R47 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R470 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R471 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R472 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R473 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R474 | 2007-001167 | R-CHIP | 75ohm,5%,1/16W,DA,TP,1608 | |
| R475 | 2007-001044 | R-CHIP | 56ohm,5%,1/16W,DA,TP,1608 | |
| R48 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R49 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R51 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R510 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R511 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R512 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R513 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R514 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R516 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R517 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R518 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R519 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R52 | 2007-000097 | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608 | |
| R520 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R521 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R522 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R523 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R524 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R525 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R526 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R527 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R528 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R529 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R53 | 2007-000097 | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608 | |
| R530 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R531 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R532 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R533 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R534 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R535 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R536 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R537 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R538 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| R539 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R54 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R540 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R541 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R542 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R543 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| R544 | 2007-000308 | R-CHIP | 10OHM,5%,1/10W,DA,TP,2012 | |
| R545 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |
| R546 | 2007-000076 | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608 | |
| R547 | 2007-000109 | R-CHIP | 1Mohm,5%,1/16W,DA,TP,1608 | |
| R548 | 2007-000981 | R-CHIP | 5.6KOHM,5%,1/10W,DA,TP,2012 | |
| R549 | 2007-000518 | R-CHIP | 2.7KOHM,5%,1/10W,DA,TP,2012 | |
| R55 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R550 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R551 | 2007-000084 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 | |
| R552 | 2007-000093 | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608 | |
| R553 | 2007-000093 | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608 | |
| R56 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R57 | 2007-000078 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608 | |
| R58 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R59 | 2007-000098 | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608 | |
| R61 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R610 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R611 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R612 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R613 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R614 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R615 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R616 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R617 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R618 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R619 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R62 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R620 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R621 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R622 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R623 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R624 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R625 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R626 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R627 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R628 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R629 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R63 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R630 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R631 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R632 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R64 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| R640 | 2007-000070 | R-CHIP | 0ohm,5%,1/16W,DA,TP,1608 | |
| R643 | 2007-000090 | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608 | |
| R65 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R66 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R67 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R68 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R69 | 2007-000072 | R-CHIP | 47ohm,5%,1/16W,DA,TP,1608 | |
| R837 | 2007-000102 | R-CHIP | 100Kohm,5%,1/16W,DA,TP,1608 | |
| R982 | 2007-000074 | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608 | |
| RA31 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA310 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA311 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA312 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA313 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA314 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA315 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA316 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA317 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA318 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA32 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA33 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA34 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA35 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA36 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA37 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA38 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| RA39 | 2011-000002 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP | |
| U501 | 2401-002286 | C-AL | 470uF,20%,16V,WT,TP,10x12.5,5 | |
| U502 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| U503 | 2402-000176 | C-AL,SMD | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 | |
| U504 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| U506 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| U507 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| U509 | 0403-001435 | DIODE-ZENER | QZX363C5V6,5.32-5.88,200MW,SOT-363,TP | |
| U510 | 0501-002080 | TR-SMALL SIGNAL | 2SC2412K,NPN,200mW,SC-59,TP,120-270 | |
| U513 | 2203-000440 | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,- | |
| U514 | 2203-000552 | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608 | |
| U515 | 2203-000552 | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608 | |
| U516 | 2203-000552 | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608 | |
| U517 | 2402-001042 | C-AL,SMD | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm | |
| U518 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| U519 | 3301-001145 | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,- | SNA |
| X21 | 2801-003667 | CRYSTAL-SMD | 14.3182MHZ,50PPM,28-AAN,16,50OHM,TP | |
| X41 | 2801-004004 | CRYSTAL-SMD | 20.25MHz,20ppm,28-AAN,13pF,25ohm,TP | |
| X51 | 2801-003843 | CRYSTAL-SMD | 18.432MHz,30ppm,28-AAN,20pF,50ohm,TP | |
| X53 | 2801-003773 | CRYSTAL-SMD | 12MHZ,30PPM,28-AAN,20PF,50OHM,TP | |
| ZD21 | 0403-000579 | DIODE-ZENER | BZX84C5V1,5.1V,5%,200mW,SOT-23 | |

## 7-2-2 LW17E24CB Others

| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| - | BN90-00210A | ASSY COVER FRONT | ES17AS | SNA |
| C/F+C/R | 6003-001319 | SCREW-TAPTITE | BH,+,B,M3,L10,NI PLT,SWRCH18A,- | SNA |
| CIS | BN90-00019F | ASSY COVER FRONT | ES17AS,ABS HB,BRIGHT SILVER,SV-012P | |
| CIS | 6002-000129 | SCREW-TAPPING | FH,+,2S,M3,L8,ZPC(BLK),SM20C | SNA |
| CIS | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| CIS | BN59-00214A | BOARD | CN17VS,FUNCTION KEY,-,-,-,-,- | SNA |
| CIS | BN59-00216A | PBA SUB | CN17VS,IR PBA SUB,-,-,-,-,- | SNA |
| CIS | BN59-00263A | SPEAKER SYSTEM | EOS/NIKE17,EOS/NIKE17-L,100X42,WIRE:240MM | SNA |
| CIS | BN59-00264A | SPEAKER SYSTEM | EOS/NIKE17,EOS/NIKE17-R,100X42,WIRE:590MM | SNA |
| CIS | BN63-00090A | COVER-FRONT | ES17AS,ABS ,-,-,-,HB,-,IV16,NONE,1.5 | SNA |
| CIS | BN63-00092A | COVER-GRILL | ES17AS,ABS ,-,-,-,HB,-,IV16,NONE,1.5 | SNA |
| CIS | BN64-00031A | BADGE-BRAND | RB15AS,AL,T1.4,6.3,40.1,-,SILIVER,- | SNA |
| CIS | BN64-00035A | KNOB-FUNCTION | EOS15,ABS,IV16,-,-,HB,SPRAY,-,- | SNA |
| CIS | BN67-00020A | LENS-LED | EOS15,ACRYL,CLEAR,-,-,-,- | |
| - | BN90-00211A | ASSY COVER REAR | ES17AS | SNA |
| CIS | BN75-00239A | UNIT-REAR | EOS 17,-,ABS,-,SV-012P,-,SPRAY,- | |
| - | BN90-00421A | ASSY STAND | ES17* | SNA |
| STD+C/R | 6001-000154 | SCREW-MACHINE | BH,+,M4,L8,NI PLT,SWRCH18A,FP,- | |
| STD | BN96-00204A | ASSY STAND P | EOS/NIKE17,SILVER SPRAY | SNA |
| STD | 6003-000009 | SCREW-TAPTITE | BH,+,B,M4,L16,ZPC(YEL),SWRCH18 | SNA |
| STD | 6003-001010 | SCREW-TAPTITE | FH,+,B,M3,L6,ZPC(YEL),SWRCH18A | |
| STD | 6003-001315 | SCREW-TAPTITE | BH,+,B,M4,L20,ZPC(YEL),SWRCH18A | SNA |
| STD | BH73-60339A | RUBBER-LEG | SLC1400,EVA,GRAY,65HB,DIA13*H2 | SNA |
| STD | BN61-00184A | STAND-BASE | ES15AS,ABS PC,GR40,SV-012P | SNA |
| STD | BN61-00266A | FRAME-STAND BASE | EOS / NIKE,EGI T1.2 | |
| STD | BN72-00254A | STAND-COVER REAR | EOS 15,ABS,HB,IV16,SPRAY | SNA |
| STD | BN72-00257A | STAND FRONT | EOS 15,ABS,HB,16,SPRAY | SNA |
| STD | BN75-00211A | UNIT-HINGE | EOS15,-,SECC T2.0,-,-,-,-,- | SNA |
| - | BN91-00220B | ASSY LCD | ES17AS | SNA |
| CIS | BN07-00055A | LCD | LTM170EH-L05,ES17AS,1280*1024,383.5*298*15,16.19M,56,0.264*0.264,0~55,5.0,TN,- | |
| - | BN91-00305C | ASSY MISC-ADAPTOR | ES17AS | SNA |
| CIS | BN44-00063A | ADAPTOR | AD-4914N,EOS17,100-240VAC,47 - 63 HZ,+14VDC,3.5A,-,49W,-,0 TO +40 C,120*63*31,SA | |
| - | BN91-00443A | ASSY CHASSIS | ES17EO | |
| - | BN91-00512A | ASSY SHIELD | ES17EO | SNA |
| CIS | 0203-001160 | TAPE-FILAMENT | SCOTCH#8915,T0.16,W48,L55M,TRP | SNA |
| CIS | 0203-001244 | TAPE-AL FOIL | DK100-30-50,T40uM,W30,L50,SIL | SNA |
| SH/PCB+FU/HAR | 6003-000117 | SCREW-TAPTITE | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A | SNA |
| C/F+AUD/PCB | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| C/F+B/GUIDE | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| C/F+SH/PCB | 6003-000276 | SCREW-TAPTITE | BH,+,B,M3,L10,ZPC(YEL),SWCH10 | SNA |
| CIS | BN39-00202B | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,12P,-,-#28,SMH200-12,12505HS-12,BK,-,-,250MM,2835#28,SJ | |
| CIS | BN59-00330A | BOARD-AV-JACK ASS'Y | EOS PAL,CT5000-0920,AV-JACK BOARD ASS'Y | |
| CIS | BN70-00192A | BRACKET-SUPPORT | RB15AS,SECC,0.8 | SNA |
| - | BN92-00282A | ASSY BOX | ES17AS,-,-,- | SNA |
| CIS | BH75-10529C | UNIT-HANDLE/PACKING | S/M170MP,PE-LD,PE-HD,-,WHITE,- | |
| CIS | BN72-60001A | LEVER TOP | LSD210TL,PE-LD,WHITE,TFT_LCD | SNA |
| CIS | BN72-60002C | LEVER BOTTOM | S/M170MP,PE-HD,BLUE | SNA |
| CIS | BN68-00135A | LABEL BAR CODE | -,ALL,MPRII,DOM,ART-PAPER 90G,-,WHT,BLACK,-,-,- | SNA |
| CIS | BN69-00267B | BOX | LW17E24C,GUJU,CB-SW4,YEL,A-1,-,-,-,L599*W499*H234,- | SNA |
| - | BN92-00285A | ASSY P/MATERIAL | ES17AS | SNA |

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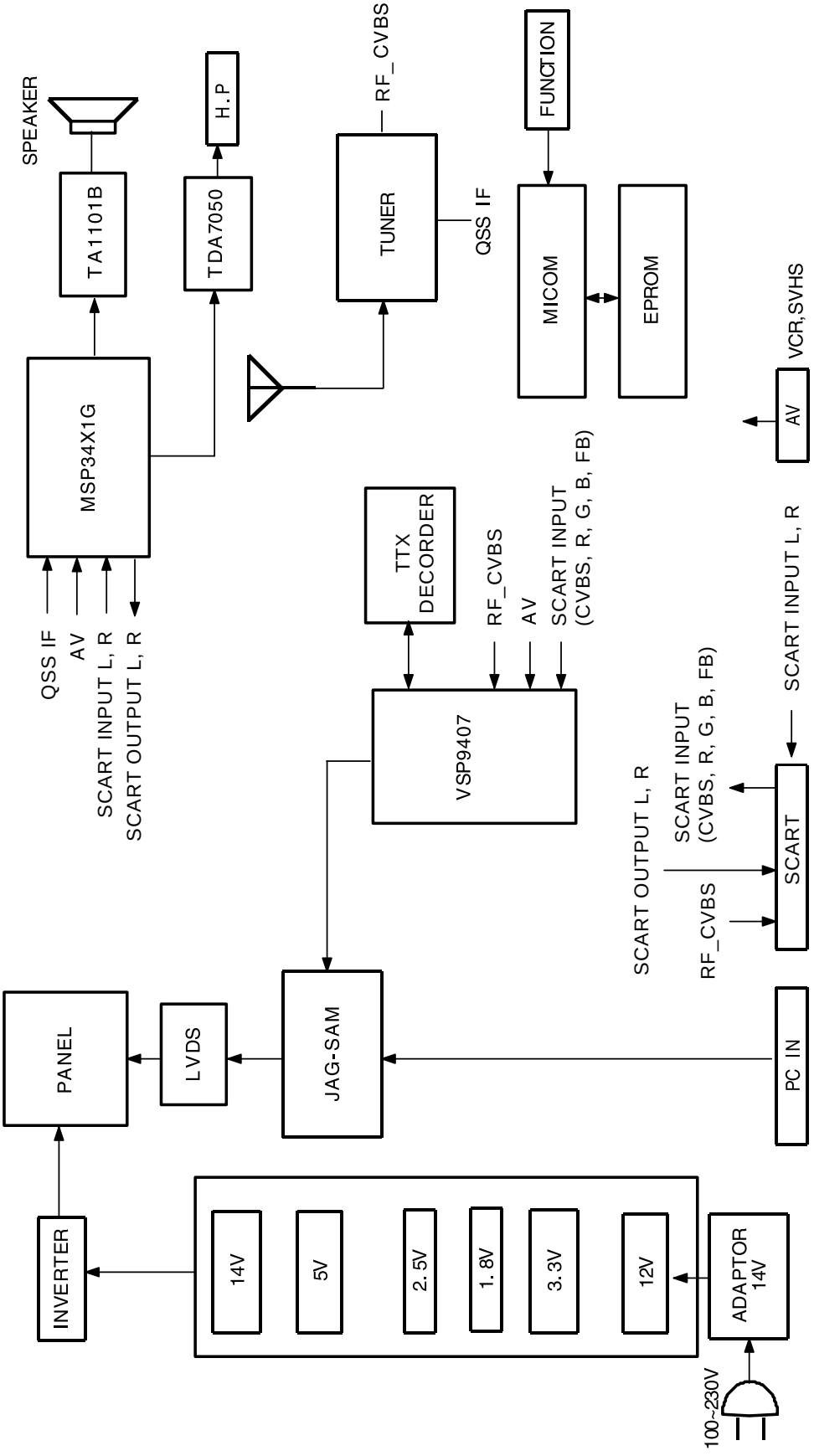
| Loc. No. | Code No. | Description | Specification | Remarks |
|---|---|---|---|---|
| CIS | 0203-001100 | TAPE-OPP MASKING | OPP/W75/CLR,T0.05,W75,L800000,CLR | SNA |
| CIS | BH69-00376D | PACKING-PALLET | ES17AS,WOODEN,-,-,1232,1032,120,-,-,- | SNA |
| CIS | BH69-00457A | PACKING-PAD | GH17,FOAM,T3.0,1180,1130 | SNA |
| CIS | BH69-30355E | BAG-PE/N | NK15,PE FOAM,0.5,650,650,NTR | SNA |
| CIS | BH69-40321J | PACKING-PAD EDGE | PN15VT,B400,-,-,W140,L1154,-,-,-,SKD | SNA |
| CIS | BH69-40379A | PACKING-WRAP | LDPE,W500*T0.02,-,- | SNA |
| CIS | BN68-00129A | LABEL SHIPPING | -,LABEL SHIPPING,ART-PAPER,100G,-,WHT,BLACK,-,-,- | SNA |
| CIS | BN69-00140T | PAD-PALLET COVER | SUN(LSA810),SW,900,3760,-,-,-,-,- | SNA |
| CIS | BN69-00242A | CUSHION-R/L | ES17AS,EPS,-,-,-,-,-,-,M50 | SNA |
| | | | | |
| - | BN92-00619F | ASSY LABEL | LW17E24CBX/XEC | SNA |
| CIS | AA68-50502A | LABEL-CONFORMATION | W/P100(G),CTV,ITALY,170x110,BL | SNA |
| CIS | BN68-00234B | LABEL RATING | ES17AS,EDC,PE,T0.05,90,45,SYNC,-,PE NATURE,-,- | SNA |
| | | | | |
| - | BN92-00626A | ASSY ACCESSORY | LW15E23CBX/XEC,SESA,SPAIN | SNA |
| CIS | BN96-00205A | ASSY ACCESSORY | LW15E23CBX/XEC,SESA,SPAIN | |
| CIS | 0203-000214 | TAPE-OPP MASKING | OPP/W50/CLR,T0.05,W50,L400000, | SNA |
| CIS | 4301-000121 | BATTERY-MN | 1.5V,-,AAA,10.5x44.5m,HOLDER | SNA |
| CIS | 6801-001009 | CARD-WARRANTY | EUROPE(12),8 | SNA |
| CIS | 6801-001014 | CARD-REGISTRATION | XEU,ENG,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001015 | CARD-REGISTRATION | XEG,GERMAN,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001016 | CARD-REGISTRATION | XEF,FRENCH,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001017 | CARD-REGISTRATION | XEC,SPANISH,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001019 | CARD-REGISTRATION | XEN,DUTCH,MOJO100,L150,W392,-,- | SNA |
| CIS | 6801-001020 | CARD-REGISTRATION | XEP,PORTUGAL,MOJO100,L150,W392,-,- | SNA |
| CIS | BH39-10339H | CBF POWER CORD | DET,H05VV-F,250V/10,16A,BLK,25 | |
| CIS | BH69-30348D | BAG-PE | LDPE,T0.05,W240*L356,Y,-,CMG73 | SNA |
| CIS | BN39-00043A | CBF SIGNAL | DETACHABLE,-,15P/15P,-,-,- | |
| CIS | BN59-00225C | REMOCON | ,TM71,EOS,40,PAL,TTX | |
| CIS | BN68-00266C | MANUAL-S/D | LW15E23C,LW17E24C,SAMSUNG,E/F/S/G/P/I/R,EDC,W/P(100G) | |
| - | EZ-LW17E24CBX/XEC | 2 | LTM170EH-L05 | - |

# 8 Block Diagram



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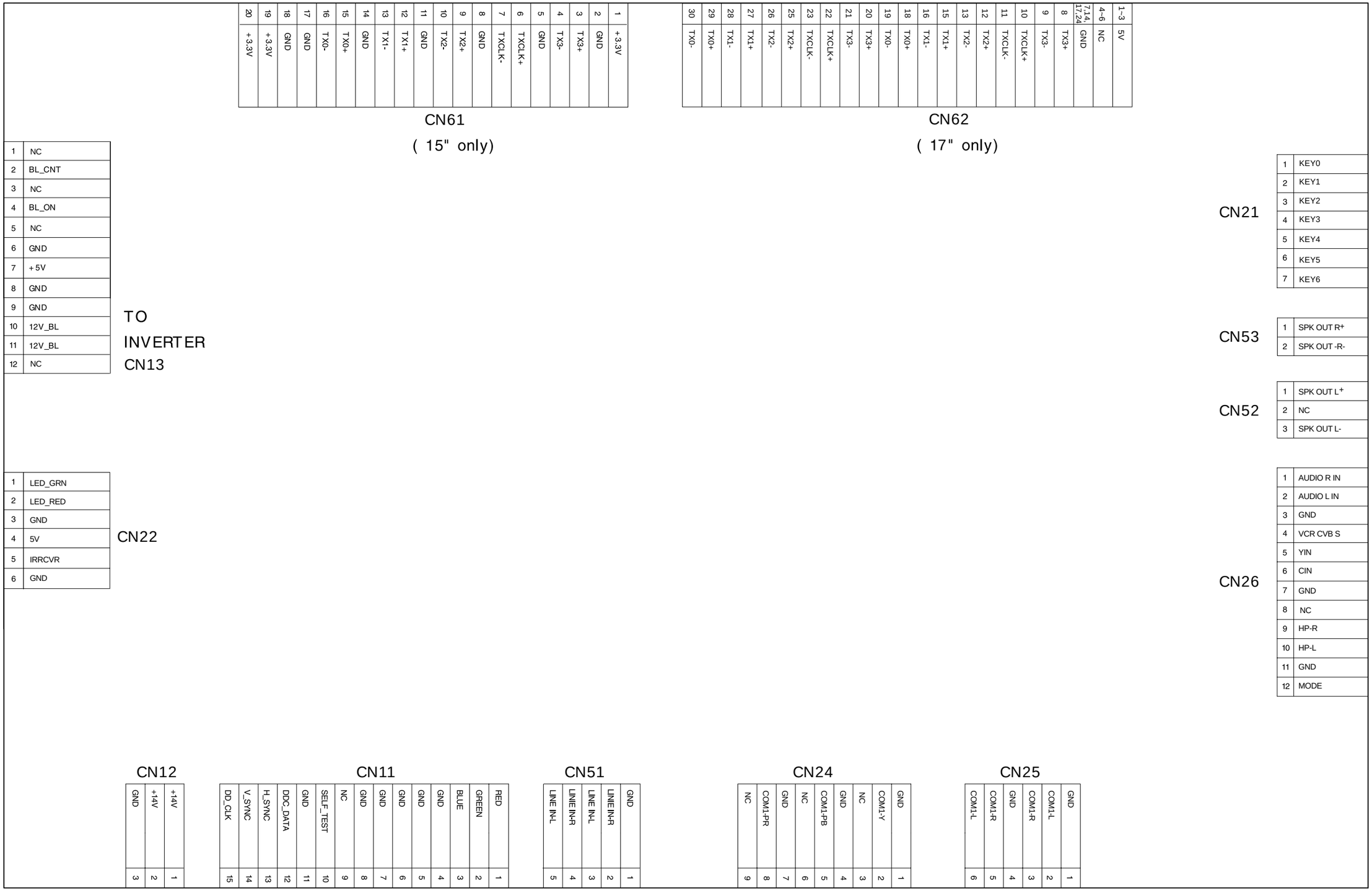
## Memo

# 9 Wiring Diagram



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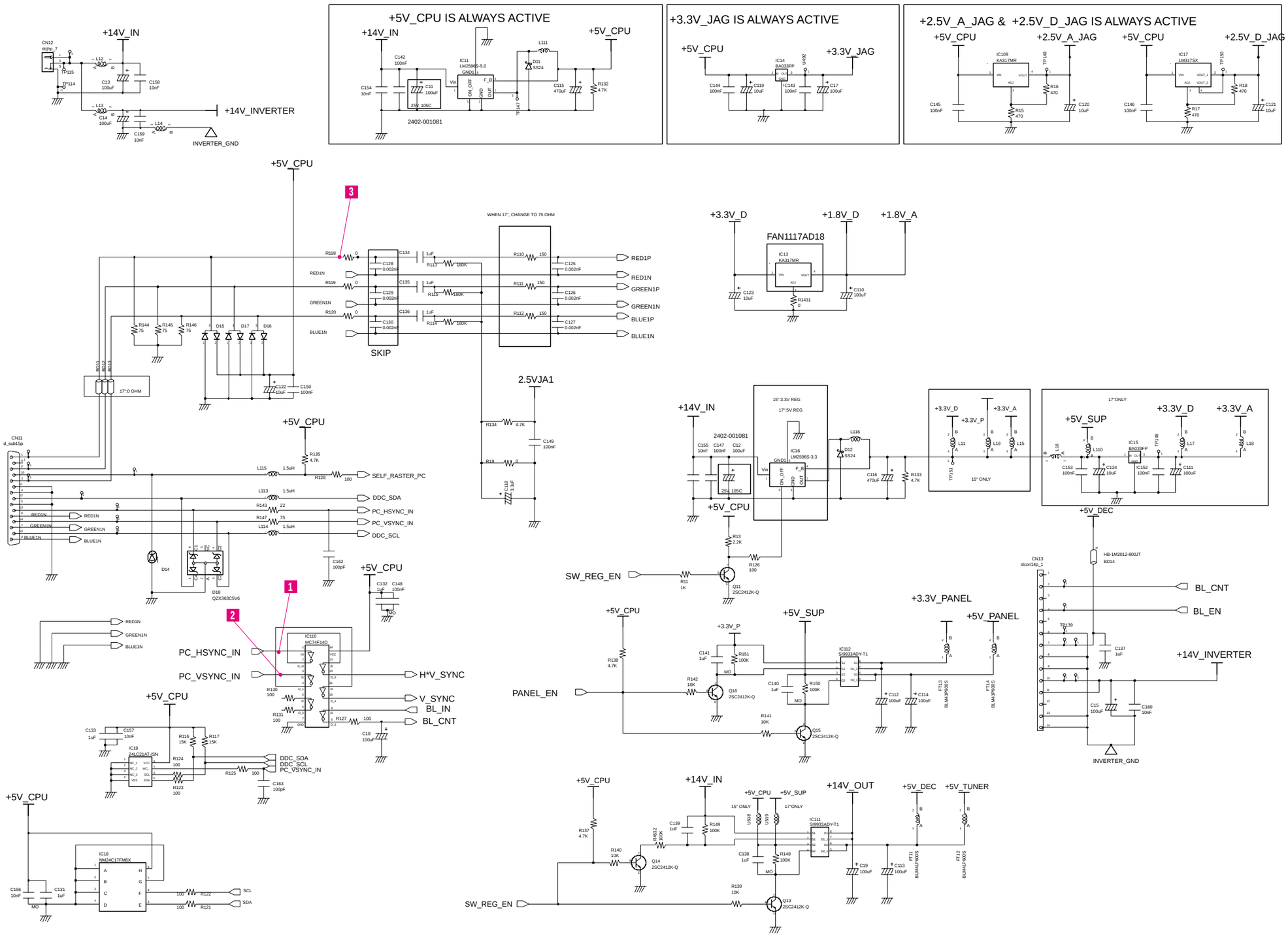
## Memo

# 10 Schematic Diagrams

## 10-1 Power EOS_VE_PAL Part Schematic Diagram



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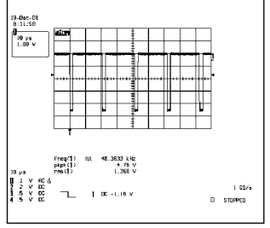
**1**



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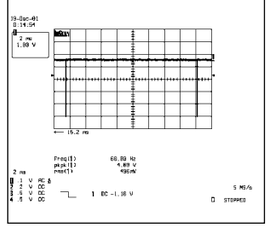

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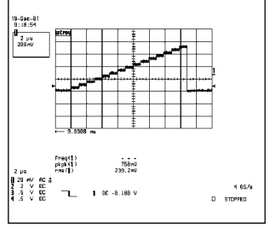

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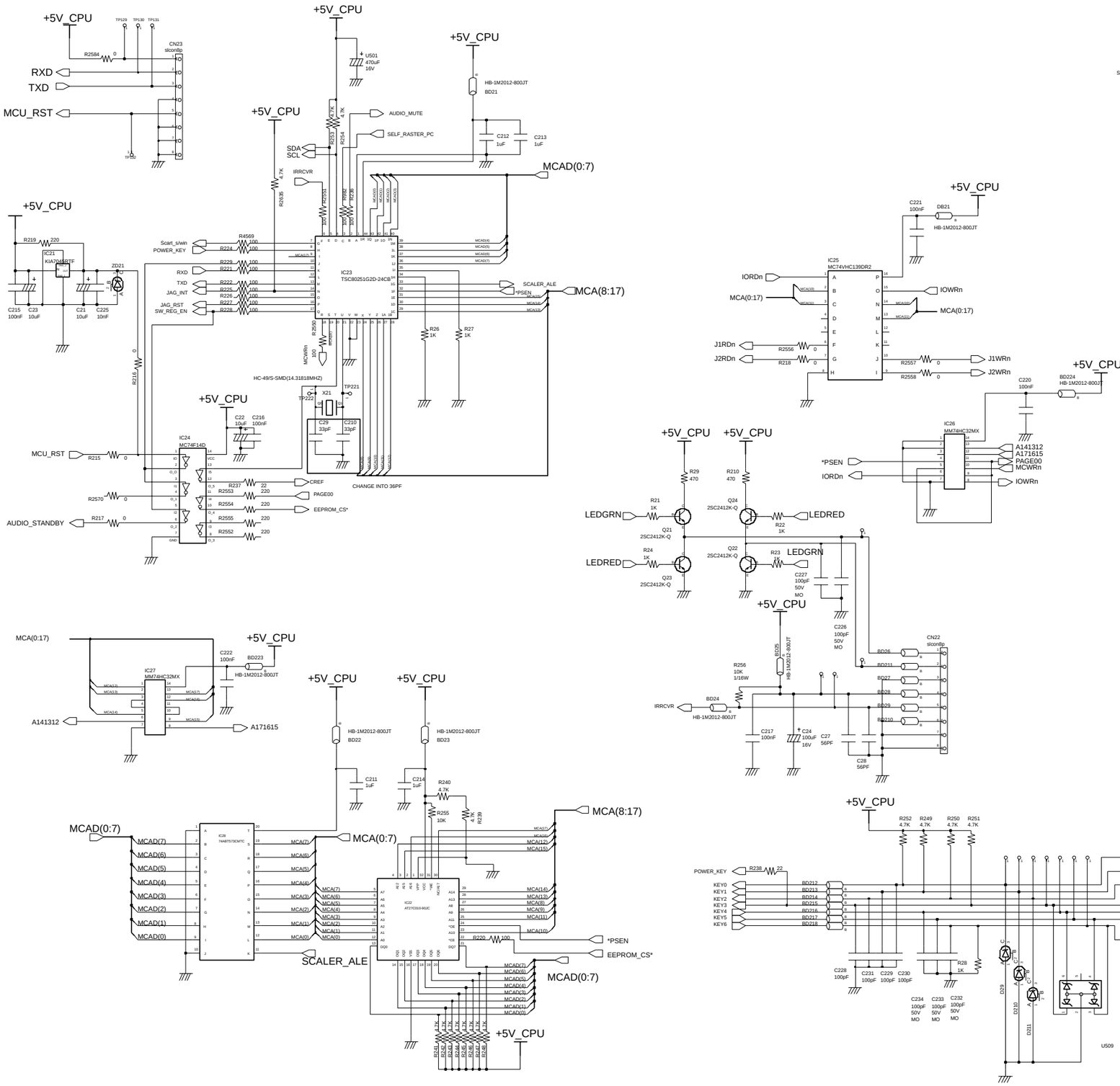
# 10-2 Micom / Jack Part Schematic Diagram



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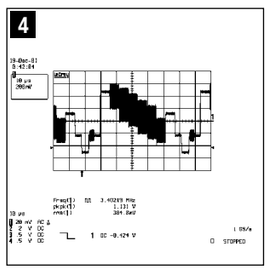

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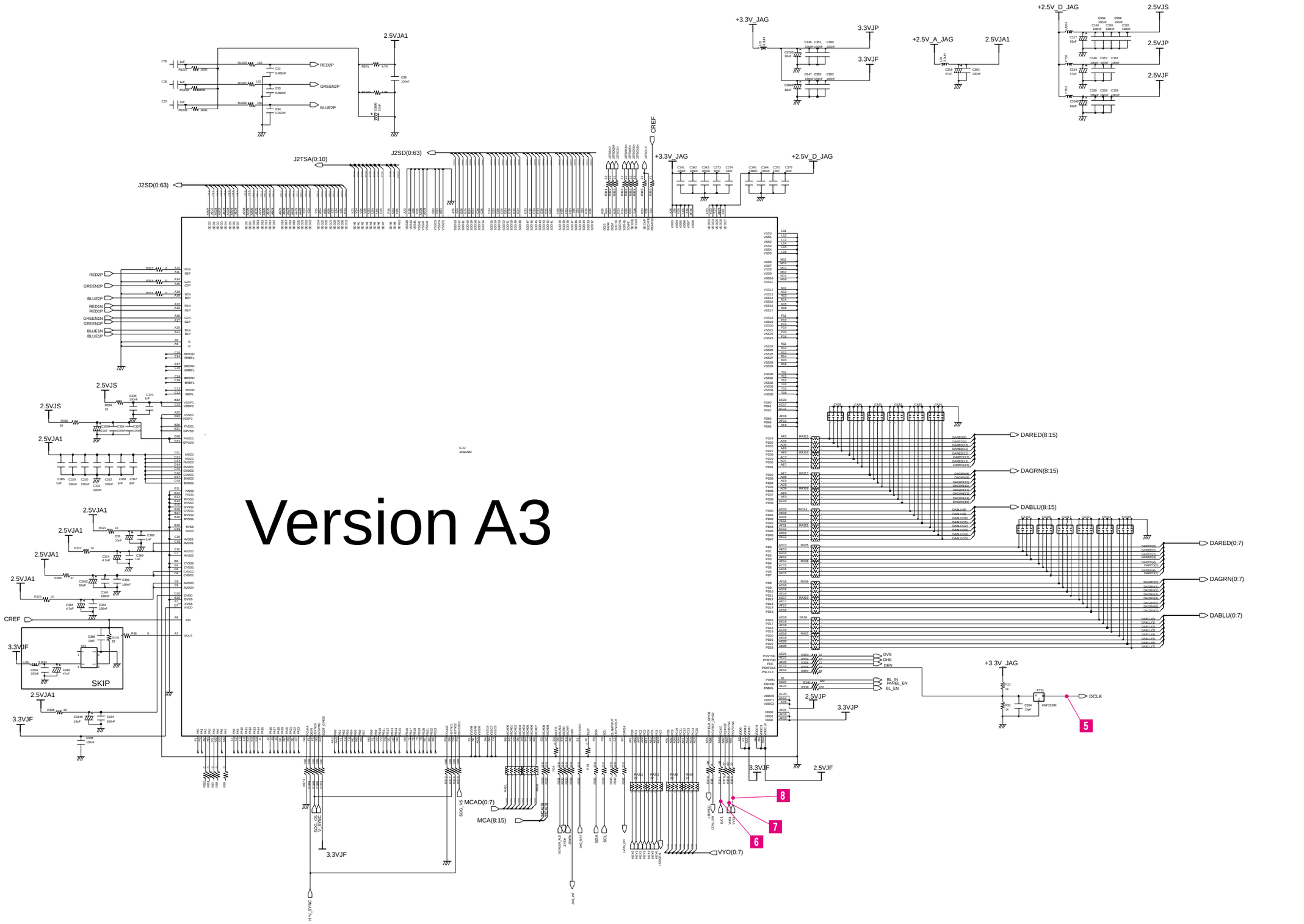
## 10-3 Scalar EOS_VE_PAL Part Schematic Diagram



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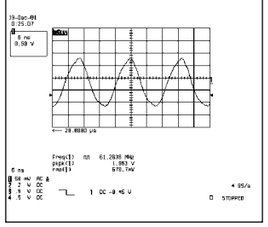
**5**



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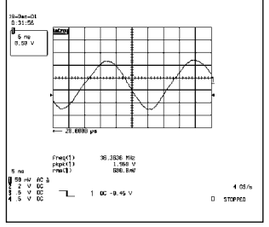

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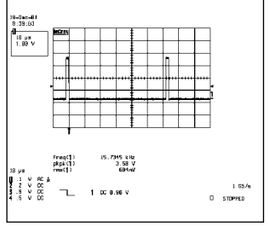

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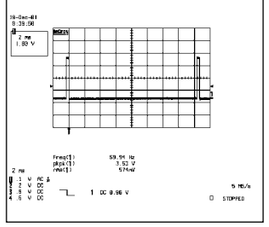

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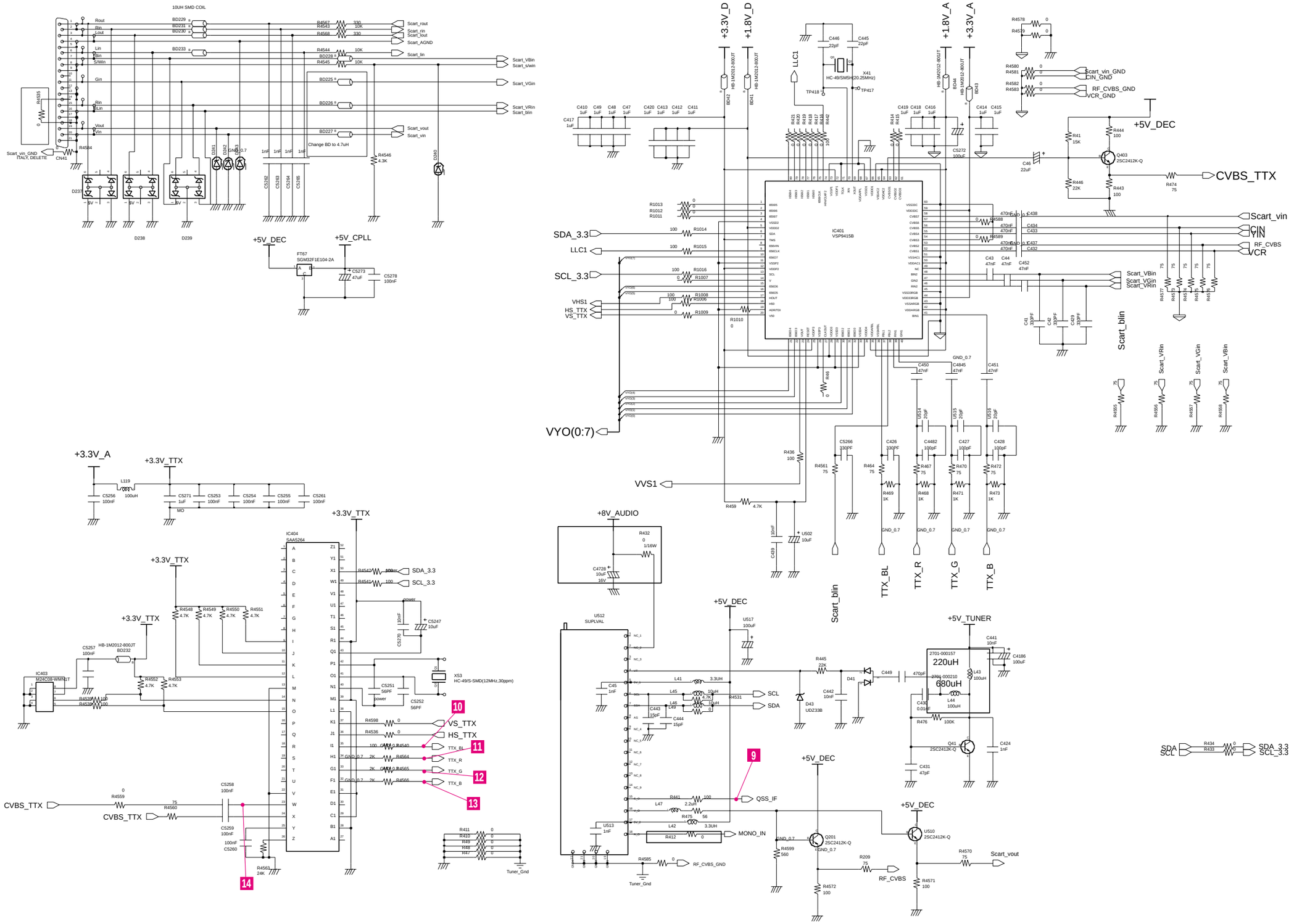
# 10-4 Video EOS_VE_PAL Part Schematic Diagram



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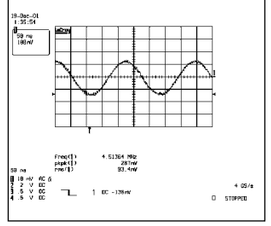
**9**



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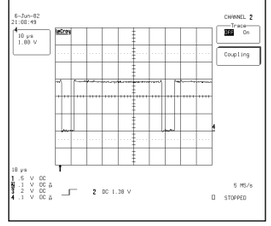

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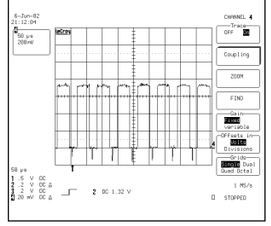

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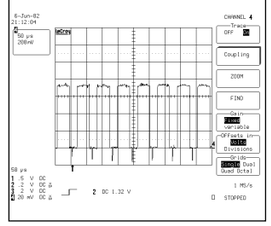

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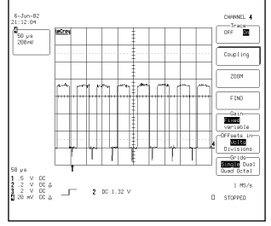

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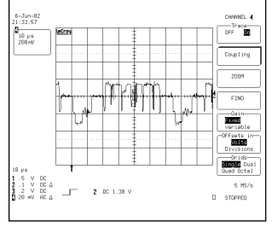

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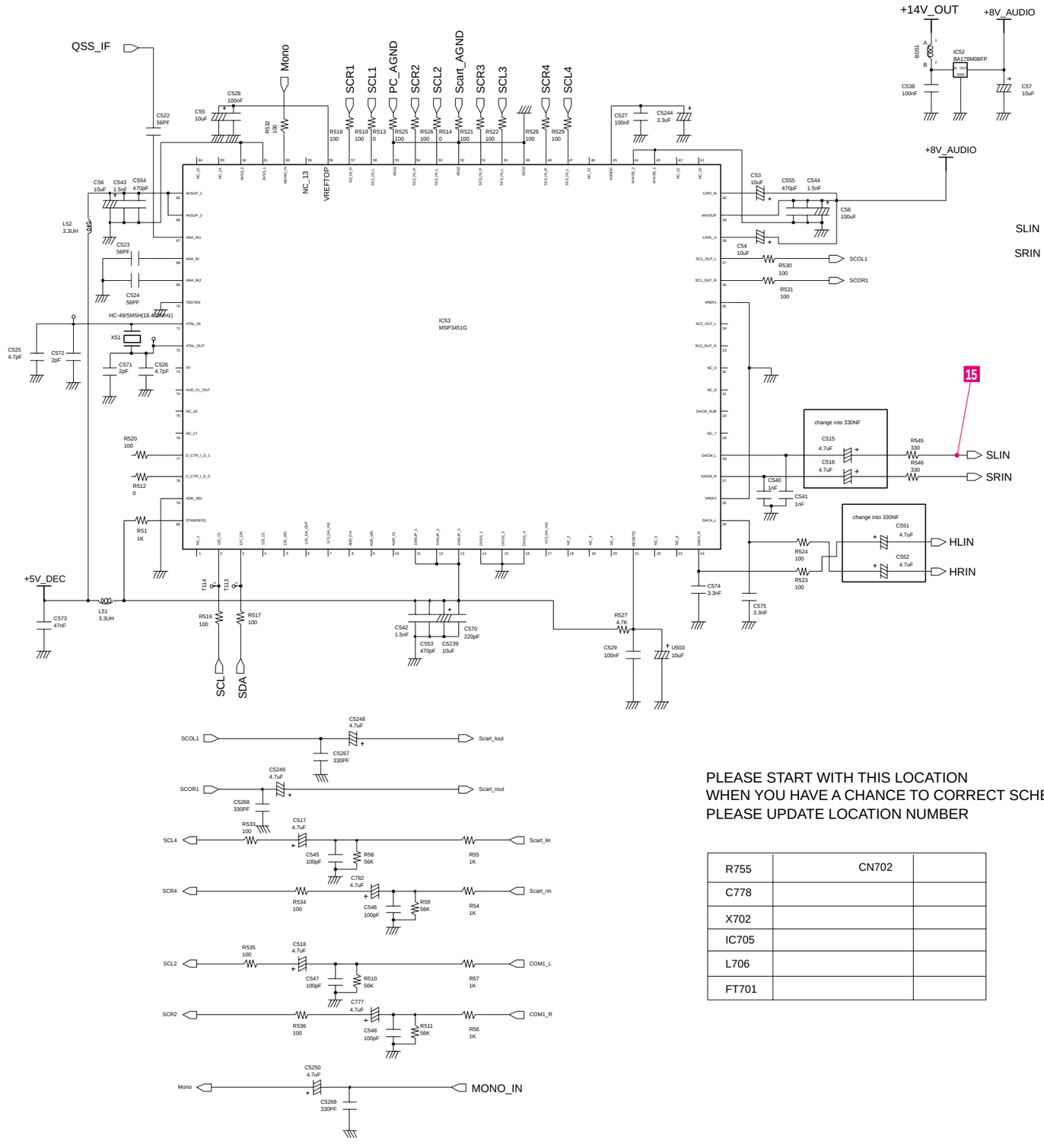
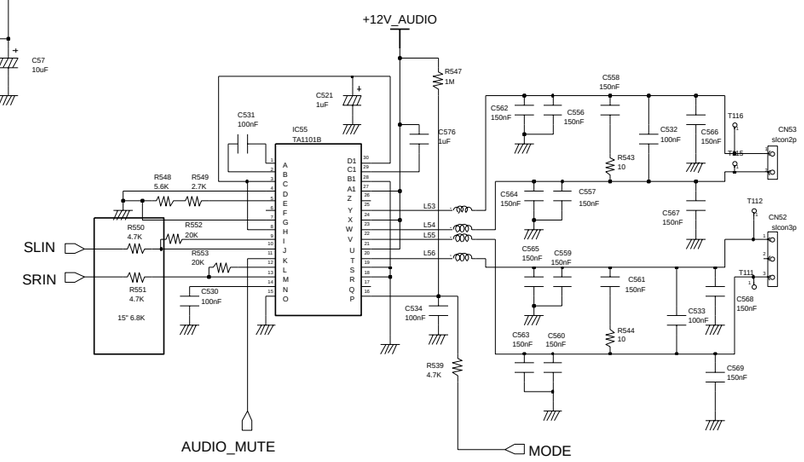
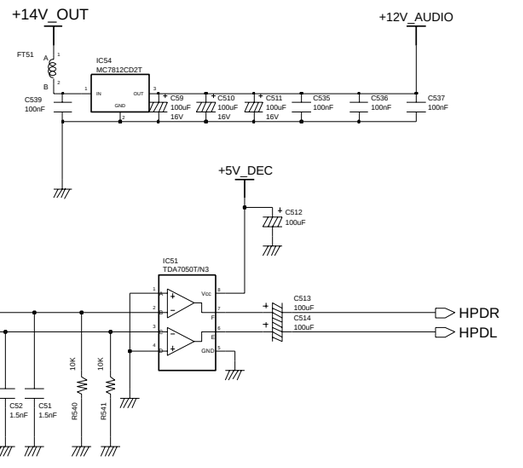
# 10-5 Audio Part Schematic Diagram



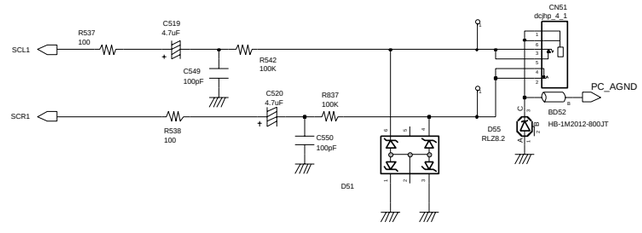







PLEASE START WITH THIS LOCATION
WHEN YOU HAVE A CHANCE TO CORRECT SCHEMATIC
PLEASE UPDATE LOCATION NUMBER

| | | |
|---|---|---|
| R755 | CN702 | |
| C778 | | |
| X702 | | |
| IC705 | | |
| L706 | | |
| FT701 | | |



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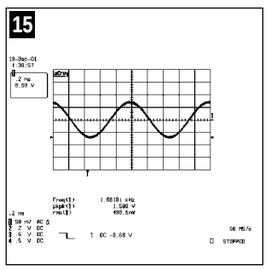

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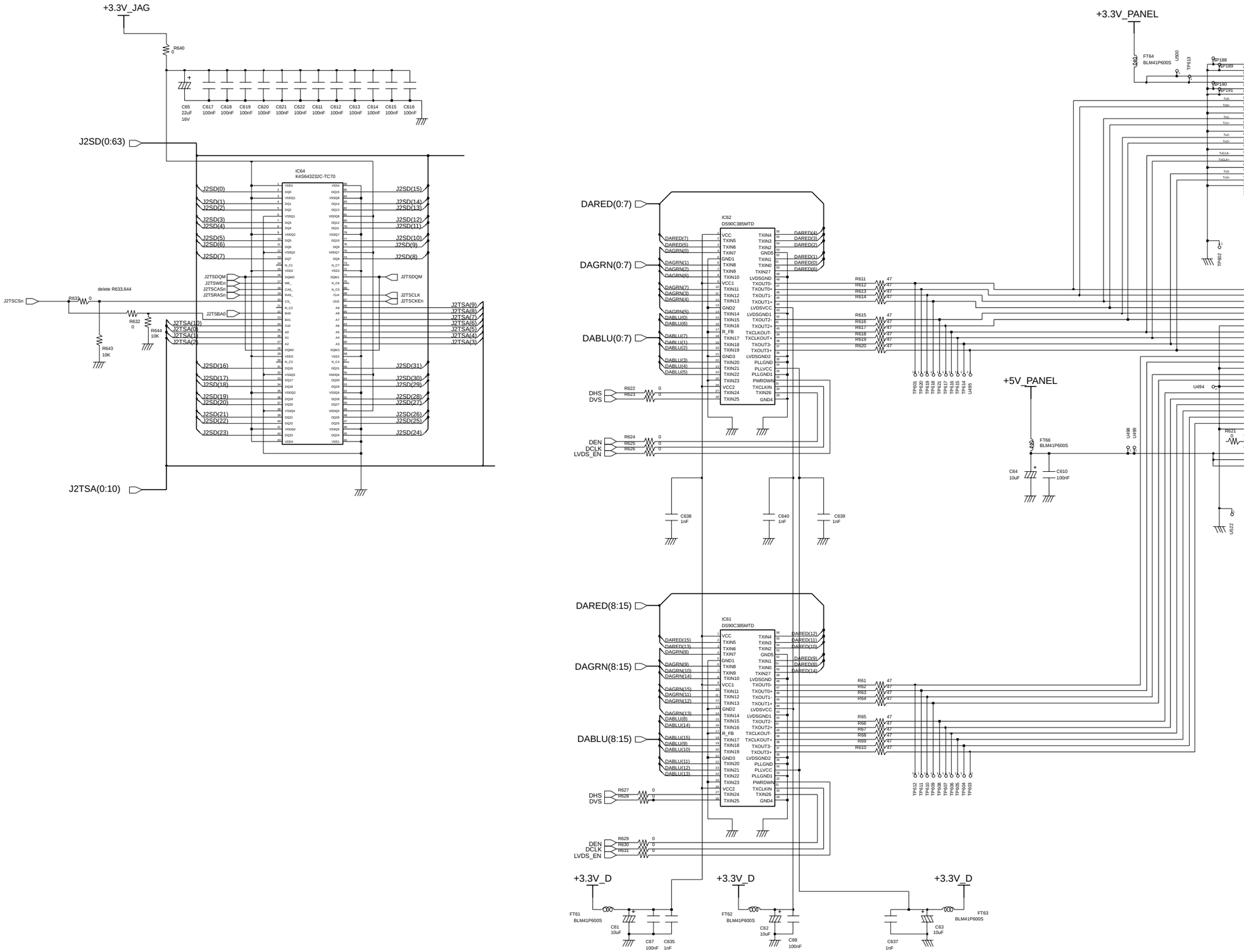
# 10-6 LVDS & RAM EOS_VE_PAL Part Schematic Diagram



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## Memo